U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

2001-99 completed 9/15

2101-99 (go over 2181-99 again } Comp
2201-99 (go over again } 10/2/50
2301-99 " }

2401-99 "
2501-99 "
2601-99 "

2701-99 (check 2796-99 only)
2801-99 (a few cards left)
2901-99 (")

3001-99 (")
3101-99 (")
3201-99 (")

3301-99 completed
3401-99 "
3501-99 "

X designates new each row
in 1949

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4–6–'08.
2. Disked (lapped half).....4–10–'08.
3. Harrowed.....4–10–'08.
4. Harrowed.....4–27–'08.
5. Seeded.....4–27–'08.
6. Harrowed.....4–27–'08.

SEEDING

Manner.....Drilled.

Date.....4–27–'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084–1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

2001	B45-15-1-1-6-1-1	7/25	Hill Medium	2001
2002		-2 8/13		✓
2003	B45-15-1-1-6-5-1	8/8	"	2005
2004		-2 8/12		✓
2005	B45-15-1-1-6-6-1	8/16	"	2006
2006		-2 8/16		✓
2007		-3		✓
2008		-4 8/16		✓

Hand to Marsh

2007	B45-15-1-1-3-1-1	Hill Medium	2009
✓	-2 8/16	Tall	2010
✓	-3	1 5/8	2011
2012	B45-15-1-1-6-2-1	"	2012
✓	-2		2013
✓	-3		2014
2013	B45-15-1-1-6-3-1	"	2015
✓	-2		2016

2017	B45-15-1-1-6-3-3		Hill Medium	2013
2018	B45-15-1-1-7-1-1	Compare with Zenith	"	2014
2019	-2	8/15		✓
2020	-3	8/14		6
2021	B45-15-1-1-7-1-	8/15	"	2014
2022		8/14		✓
2023		8/16		✓
2024	B45-15-1-1-9-1-1	8/8	"	2016

2016		-2	Hill Medium 8/8 Seg		2025
✓		-3	8/1 Seg easy to thrust		2026
✓		-4	7/20 Seg	Sels on 8/16	2027
023	B45-15-1-12-1		8/16 "		2028
✓		-2	8/16		2029
✓		-3	8/14		2030
✓		-4	8/17		2031
034	B45-15-1-8-2-1-1 Rogue		7/25 Seg "		2032

2033 Hill Medium -2 8/1 8/12 2034
Yearly short
Straw sm. Shells Sm. Shorts
Full Bkgr. type
Several Lab mods copy to this

2034 -3 8/1 Seg ✓

2035 B45-15-1-8-4-1-1 8/10 2037

2036 8/10 -2 8/16 ✓

2037 -3 8/8 8/16 ✓

2038 -4 8/8 8/16 ✓

To hold to this

2039 B45-15-1-8-8-2 8/8 8/15 2043

2040 8/12 8/30 13

2043	B-45-16-1-8-8-4	8/9	Hill Medium 8/15	2041
✓		-5 8/10	8/17	2042
2062	B45-16-5-4-2-1	8/13		2043
✓		-2 8/15 easy to thresh		2044
✓		-3 8/13		2045
2070	B46-4937-14-4-1-1		Lots	2046
✓	long al-gr:	-2 8/14		2047
✓	Zenith g. type	-3 8/1 Seg.		2048

2049	B45-15-1-1-8-2-1 V. long-gr.		Hill Medium	2582
2050	-2 V. long-gr.			✓
2051	-3 V. long-gr.			✓
2052	-4 V. long-gr. unif. long gr. type, about last mat.			✓
2053	-5 V. long-gr.			✓
2054	B45-15-1-1-8-6-1			2586
2055	-2			✓
2056	-3			✓

12 Rough rogues	-1	Big rough iron, acl Stain	8/16		2057
~	-2		8/14		2058
~	-3		8/11		2059
1			8/12	8/18	2060
12 Rough Rogues	-4	Big rough iron gold Stain rough photo took like 2 only shorter stain	8/10	8/17	2061
~	-5		8/12		2062
~	-6		8/15		2063
~	-7		8/13		2064

2065	B49-12-8	8/13			12 Rough
2066	-9	8/14			✓
2067	B45-15-1-3-5-1-1	Hill Medium 8/12			348
2068	-2	8/14			✓
2069	B45-15-1-3-5-4-1				348
2070	-2	8/16			✓
2071	B45-15-1-4-3-1-1	8/17			348
2072	-2	8/12			✓

3489	B45-15-1-4-3-3-1	8/11		2073
〃	〃	-2		2074
〃		-3		2075
〃		-4 8/12		2076
L132	B437A1-6-1-17-2-1	8/14	SM-BR-BR41X8323	2077
〃		-2 8/1 (LE)		2078
.134	B437A1-6-1-17-4-1	9/12		2079
9		- 8/12		2080

2081	B437A1-6-1-17-4-1	8/12	SM-BR-BR41 x 8323	2134
2082	B437A1-12-1-15-1-1	8/15		2141
2083	-2	8/16		〃
2084	-3	8/17		〃
2085	F5 B4310A1-3-1-1-3-1	8/12	SM-BR-BR41 x BR41-EP 8/17	2144
2086	-2	8/12	8/17	〃
2087	-3	8/12	8/17	〃
2088	F5-B4310A4-A-1-3-1-1	8/13		2159

Quarantine
all V. uninoculated V. good

F5-B4310A4-A-1-3-1-2, SM-BR-BR41ABR41-EP

8/14 2089

8/15-3 2090

F-5 B4310 A1-46-14-3-1

#64 2091

-2 2092

-3 2093

-64 B4311B49-1 2094

8/18 2095

-3 2096

2097	4311B49-4		564
2098		8/13 5	⌐
2099		6	⌐
2100			104
2101		-7	564
2102	v. early, v. easy to finish	8/11 8/14 -8	⌐
2103		8/1 8/13	⌐
2104		-9	⌐

-10

564 2105

F-5 B4311 A1-1-1-1-1, SM-BR-BR11 x 8323-Z

L170 2106

-2
8/10

2107

F-5 B4311 A1-1-1-2-1

171 2108

-2

2109

-3

2110

F-5 B4311 A1-37-9-1-1

177 2111

-2
8/15

2112

2113	F-5 B4311A1-37-9-1-3, SM-BR-BR4[illegible]8323-Z	8/14		2177
2114	F-5-B4311A2-9-1-1-3-1	8/8	8/14	2184
2115	-2	8/7	8/13	〃
2116	F-5-B4311A2-23-1-5-1-1	8/10	8/15	2196
2117	-2	8/7	8/14	〃
2118	F-5-B4311A3-11-1-3-2-1	8/12	8/19	2204
2119	-2	8/12	8/20	〃
2120		8/12	8/20	~~〃~~ 6

⌐	F-5-B4311A3-11-1-3-2-3,SM-BR-BR41X8323-2 Mi 8/18	2121
2218	F-5-B4311A3-18-6-11-1-1 VE	2122
⌐	-2 VE 8/12	2123
2219	F-5-B4311A3-18-6-11-2-1 8/14	2124
⌐	-2 VE 8/10	2125
2225	B4311A3-18-8-3-2-1 VE	2126
2227	F5-B4356A1-32-1-7-2-1 VE 8/10	2127
⌐	-2 VE 8/10	2128

2129	F5-B4356A1-17-3-6 - 2-1, 8326 X 8323-1	8/13	2243
2130		-2 8/8 Seq	"
2131		-3 8/10 Seq	"
2132	F3-B4356A1-17-2-4-1-1	Uni 8/17	2250
2133		-2 8/5 Seq	"
2134		-3 8/5 Seq	"
2135	F5-B4356A1-11-6-1-1		2252
2136		-2	"

2416	F5-B4356A1-27-1-11-1-1, 8326X8323-Z Uni 8/12	2137
~	-2 Uni 8/12	2138
2417	F5-B4356A1-27-1-11-2-1 8/8 8/17	2139
13	8/12	2140
~	F5-B4356A1-27-1-11-2-2, 8326x8323Z Uni 8/14	2141
522	381C49-1BR x Z	2142
~	-2	2143
~	-3	2144

2145			-4		592
2146			-5		〃
2147			-6		〃
2148			-7		〃
2149			-8		〃
2150	F3-B4564A1-1-4-1	, Bruin Sel. XL			2257
2151	-2	8/16			〃
2152	-3				〃

2267	F3-B4564A1-3-3-1, Bruin Sel x Z	8/14		2153
	Short vg. straw, V early to heal Zenith Potato, very productive rough hulls.			
↓	-2	8/14		2154
2269	F3-B4564A1-4-2-1			2155
↓	-2	8/13		2156
2284	F3-B4564A2-3-1-1	8/8	8/17	2157
↓	-2	8/12	8/17	2158
2286	F3-B4564A2-5-1-1	8/14		2159
1		8/1 ✓	8/17	2160

2161	F3-B4564A2-5-1-1	Bruin Sel. X Z 8/13 Sm. med slushy gr. pl shatter thru E.P same mat, good	228
2162	F3-B4564A2-5-2-1	8/8 8/17 Short straw, sm. med-gr easy to thresh Watch	228
2163	-2	Uni 8/8	✓
2164	F3-B4564A2-8-1-1	Uni 8/18	2288
2165	-2	Uni 8/17	✓
2166	-3	Uni 8/18	✓
2167	F3-B4564A2-10-2-1	-	2290
2168	-2	Vlin 8/14 Short sturdy straw Zenith maturity.	✓

2294	F3-B4564A2-10-6-1, Bruin Sel. XZ		Uni 8/19	2169
2296	F3-B4564A2-11-2-1	8/11	8/19	2170
↳	-2		Uni 8/16	2171
2298	F3-B4564A2-11-4-1		Uni 8/16	2172
↳	-2		Uni 8/18	2173
↳	-3		Uni 8/16	2174
↳	-4		Uni 8/17	2175
2299	~~F3B4564A2-11-5-1~~		K-N x B Krague	2176

2177 F-3-B456A2-11-5-2 Bruin Sel. XZ 8/15 229

2178 B-46-3046-12-2-1 K-HXBR Rogue
D.O. resistant types → 2531
Und 8/16

2179 -2 ✓

2180 8/13 9

2181 B-46-3046-12-2 -3, K-HXBR Rogue ✓
an outstanding mfg-gr gold
Hr bull neg of SK mat, Has more
Best s. gr. than BH type, cyl + V easy to thrd
2182 outstanding -4 steam, (short study) ✓

2183 -5 ✓

2184 -6 ✓

✓	B-46-3046-12-2-7, K-HXBR Rogue	2185
2583	B45-15-1-1-8-3-1, Hill Medium	2186
✓	-2	2187
535	B-46-3046-7-1 K-HXBR Rogue H.O. resistant types 8/16	2188
✓	-2 8/16	2189
✓	-3 8/17 extremely early. to thresh. Clean pg. ad gows muchalike med Spr. type, early	2190 Hw
541	B-46-3046-11-3-1	2191
✓	-2	2192

2193	B-46-3046-10-1-1,	K-HXBR Rogue	X54
2194	-2		✓
2195	B-4045B47-2-3-1	Glul. Rogue Common	6346
2196	-2		✓
2197	-3		✓
2198	R.B. Gopher		6348
2199			✓
2200			104

X

missing

O.K. = Sent to Wash

6351	R.L. Gopher	8/15	2201 X
	O.K.		
✓		8/15	2202
	E.L. Gopher		
354		8/16	2203 X
✓			2204
	O.K.		
✓			2205
355	E.L. Gopher	8/16	2206 X
✓		8/16	2207
✓	O.K. ✓		2208

2209 X	E. B. Gopher		8/16	6356
2210	O.K.		8/16	〃
2211			8/14	〃
2212 X	Penn. L. Gopher Lg.		8/16	6360
2213	O.K.		8/16	〃
2214				〃
2215 X	Penn. B. Gopher Bold		8/13	6363
2216	O.K.		8/13	〃

	Penn B. Gopher Bold	8/13	2217
366	Honduras		2218
	0,1K		
			2219
6		8/12 8/18	2220
	Honduras		2221
			2222
369	Carolina Gold	8/16	2223
	.01K		
			2224

2225	Carolina Gold	8/16		636
2226	PR-147	8/14		637
2227	O.K	8/14		✓
2228		8/16		✓
2229	PR 304	8/14		637
2230	O.K.	8/13		✓
2231		8/13		✓
2232	PR 325	8/16		6378

	PR 325	8/13		2233
	O.K			
		8/15		2234
	PR-358			
381		8/14		2235
				X
	O.K-	8/13		2236
		8/14		2237
	PR-388			
384		8/14		2238
				X
	O.K.	8/15		2239
3.		8/11	8/16	2240

2241	PR-388	8/14		638
2242	PR-403	8/16		638
2243	O.K.	8/15		✓
2244		8/14		✓
2245	PR-416	8/15		639
2246	O.K.	8/15		✓
2247		8/13		✓
2248	PR-482	8/15		639

	PR-482	8/13	2249
	O.K.		
		8/14	2250
396	CI-461	8/15	2251
	O.K.	8/15	2252
		8/16	2253
399	R.D-218		2254
	O.K.	8/17	2255
		8/17	2256

2257	SD-144	8/10		6402
2258	O.K.	8/15		〃
2259		8/16		〃
2260		Wm 8/17		1
2261	H-32	8/14		6405
2262	O.K.	8/16		〃
2263		8/15		〃
2264	C-4	8/18		6408

✓	C-4 O.K.			2265
✓			8/18	2266
411	R. L. Gopher off type		8/16	2267 X
✓	O.K.		8/16	2268
✓			8/16	2269
216	Guat. A-34-1		8/15	2270
✓	-2			2271
392	B47-4392-1-1	(Natl. Cross) Glut.	8/14	2272

2273	B47-4392-1-2 (Natl. Cross) Glut.	8/14		6329
2274	Guat. A-2-2-1			6227
2275	-2			↓
2276	-3			↓
2277	Guat. A-4-2-1	8/16		6230
2278	-2	8/14		↓
2279	-3	8/15		↓
2280		8/13		9

Guat. A-2-2-1 Quite small plants, very late maturity, very tall Poor stem type

Guat. A-4-2-1 Appear to be very tall Quite uniform

613 Early Short Grain Bulk
Hyb Mix 11-47-1-2-1 2281

" -2 2282
Hr

" 2283
-3

615 Hyb Mix-11-47-2-2-1 2284
-3

" -4 -2 2285
a late typ. Hr

" -5 -3 2286

616 Hyb Mix 11-47-4-1-1 2287

" -6 -2 2288
Hr

2289	Early Short Grain Bulk	-3	2616
2290	Hyb mis-11-47-6-1 still standing 1 on 11/2/50		188
2291		-2	✓
2292		-3	✓
2293		-4	✓
2294	11-47-11-1-1		2625
2295		-2	✓
2296		-3	✓

626 Early Short Grain Bulk
11-47-11-2-1 2297

-2
-2
" 2298

-3
" 2299

" 2300

627 Early Short Grain Bulk
11-47-11-3-1 Ripe 7/22 2301

-2
" 2302

-3
" 2303

628 Hyb Nur-11-49-1 Late 2304

2305	11-49	late		548
2306		late	3	✓
2307		late	4	✓
2308		late	5	✓
2309		late	6	✓
2310		late	7	✓
2311			8	✓
2312			9	✓

✓		10	2313
✓		11	2314
✓		12	2315
✓		13	2316
✓		14	2317
✓		15	2318
✓		16	2319
✓		17	2320

2321 Hyb Mix 11-49-18 548

2322 a very good tall mut ✓
Hv short gr type, no C, O,
✓ green leaves, good to carrying
dirt a long distance - 11

2323 ✓

2324 Late Short Grain Bulk 1 2631

2325 Hyb Mix-12-47-6-1-2 ✓
Hv Mix. fairly easy to thresh, V. good type 9/20

2326 ✓

2327 HY. MIX. 12-47-6-2-1 2632
much like 2325, fairly easy type 9/20
to thresh

-2

2328 ✓

22			2329
49	Hyb mix-12-49-1		2330
	late, standing better than others	-2	2331
		-3	2332
		4	2333
		5	2334
		6	2335
		7	2336

2337	Hyfe Mix-12-49-8			549
2338		-9		✓
2339		-10		✓
2340			8/19	13
2341				✓
2342				✓
2343				✓
2344				✓

✓				2345
✓				2346
✓				2347
637	C.I. 5368			2348
✓				2349
2641	C.I 5368	8/12	8/18	2350
✓		8/12	8/18	2351
215	F-5-B4318A5-12-7-1-2-1, 5m BR-BR41X8323-Z			2352

~~Production BR~~
~~V Good~~

2353	F-5-B4318A6-12-7-1-2-2, Sm BR-BR41X8323-Z V. Good BK type, pm, earlier than BK.	2415
2354	B439A1-5-8-3-1, Sm BRX3715A too tall	2392
2355	-2 too tall	✓
2356	B323B39-13-Bulk, RXSBR	2557
2357	air much also ripe about 9/25 dun clean return mid - g.	✓
2358		✓
2359		2563
2360	8/12 - 8/19	1

B323B39-13-Bulk, Rx SBR
no tubes at present go to store 2361
a good type but rough
Same as 2359
earlier than BK, short shank clan.

541 2362

2363

2364

2365

2366

BK earlier than BK.
Am straw, clan shank
med-gs. 2367

2368

2369	~~B4045B49~~	541
2370		~
2371		~
2372	B4045B49-1	542
2373	-2	~
2374	-3	~
2375	-4	~
2376	-5	~

✓		-6	2377
✓		-7	2378
✓		-8	2379
7	8/14	-9	2380
✓		-10	2381
✓	8/13	-11 (1 very sl sick)	2382
✓		-12	2383
272		B4045B44-8-16-1-2-1, R-SBR X BR41	2384

Mk 8/14

2385	B4045B44-8-16-1-2-2, R-S BR x BR41 8/10 Seg	2072
2386	B4045 B44-8-16-3-3-1,	2078
2387	-2	✓
2388	-3 ✓ v. uniform mat., ripe 9/19; grain tuja-flat; sturdy straw; lm; short straw.	✓
2389	B4045 B47-12-1-1	2118
2390	-2	✓
2391	B4045 B47-12-2-1	2119
2392	-2	✓

557	4215B49	-1	2393
〃		-2	2394
〃		-3	2395
〃			2396
〃			2397
〃			2398
〃			2399
04			2400

2401	426B49	-1		553
2402		-2		✓
2403		-3		✓
2404		-4		✓
2405		-5		✓
2406		-6		✓
2407		-7		✓
2408	✓	-8		✓

⌐	426B49	—9	2409
⌐		10	2410
⌐		11	2411
⌐		12	2412
551	323B40-8	-1	2413
⌐		-2	2414
⌐		-3	2415
—		-4	2416

2417 -5 551

F5-B438A5-6-1, SMBR-BR41X8326

2418 2382

-2

2419 ✓

2420 8/12 8/19 6

-3

2421 ✓

2422 438B 49-1 562

2423 ✓

2424 ✓

✓				2425
✓				2426
✓				2427
✓				2428
✓				2429
3438A	Natl Cross.	1		2430
✓		2	early sand. ✓	2431
✓		3		2432

aldred

2433	F-5-B4313A2-57-10-1-1, SM BR-BR11 XF-Red Rough BK type, sl. darker than BK.		24.01
Store			
2434	-2		✓
2435	F-5-B4313A2-57-18-1	8/8 Sey	24.09
2436	-2	8/6 Sey	✓
2437	F-5-B4325A1-6-1-1-1, Bruin XF-Red		24.19
2438	-2		✓
2439	-3		✓
2440		8/12 9/19	13-

F-5-B4325A1-6-14, Bruin X F-Red

2441

F-5-B4325A1-77-6-1

2426

2442

-2

2443

-3

2444

F-5-B4325A1-77-10-1

2430

2445

-2

2446

-3

2447

F-5-B4325A1-76-9-3-1

2433

2448

F5-B4325A1-76-9-3-2, Bruin x F Red

2449 2433

-3

2450 ✓

F-5-B4325A1-39-3-2-1

2451 2450

-2

2452 ✓

2453 F-3-B4555A1-56-1-1 , Bruin Sel. X8326 2457

-2

2454 ✓

F-3-B4555A1-56-3-1

2455 2459

-2

2456 ✓

F-3-B4559A1-102-2-1, Bruin Sel X BR

2463 2457

-2

2458

F-3-B4559A1-102-8-1

2469 2459

1 wu 8/18 2460

F-3-B4559A1-102-8 -2, Bruin Sel X BR 2461

-3 2462

F-3-B4559A1-102-21-1

2483 2463

V. good BK type, smooth
easy to thresh, earlier than BK

-2 2464

2465	F-3-B4559A1-102-21-3, Bruin Sel XBR	2483
2466	F-3-B4559A1-102-22-1	2484
2467	-2	✓
2468	-3	✓
2469	F-3-B4559A2-20-6-1	2502
2470	-2	✓
2471	F-3-B4559A2-20-12-1	2508
2472	-2 -	✓

2509	F-3-B4559A2-20-13-1, Bruin Sel X BR		2478
✓	-2		2474
2511	F-3-B4559A2-20-16-1		2475
✓	-2		2476
2523	F-3-B4559A2-20-26-1	8/14	2477
✓	-2	8/14	2478
✓	-3	8/14	2479
7		8/13	2480

F-3-B4559A2-20-28-1 , Bruin Sel X BR

2481 2525

-2

2482 ✓

-3

2483 ✓

RXF-C (Hg) Crowley

2484 2545

2485 ✓ ✓

2486 ✓ ✓

2487 ✓ 2550

2488 ✓ ✓

Record to be transferred

RXF-C (Hg) Crowley 2489

149 Hyb. Mix. 3-47-1-2, 5-EPXCA-CDY 2490

150 Hyb. Mix 5-47-3-1, (D-RXCdy-BR)X (F-BRXCa-BR) 2491

Glutinous YE. BBT. Nolte Field Glutinous + Common

233-1 at last as tall as BBD or taller than straw long heads. Ripe 9/18. Very good looking rows some segregation make selection on when glut types can be determined 2492

2 straw 2493

3 8/16 gold 2494

4 8/14 gold 2495

Un known Glutinous

234 8/16 2496

2497 Unknown Glutinous 6234

2498 glutinous
a Y. short sturdy strawd ✓
Nr green stemmed glab, med easy threshing, short grain

2499 ✓

2500 J04

2501 B-4311A1-1-15-2-1, SmBk-BR41X8329-Z 6240
Short Grain

2502 -2 ✓

2503 -3 ✓

2504 B4045B47-1-1-1, Glut. Rogue 6242
Also mark check for glut

B4045B47-2-1-1, Glut. Rogue
6244 Common 8/1 Seg 2505
Feb Mod Check for glut

B4045B47-2-3-1, Glut. Rogue
6246 Common mode 3 sele 2506
check for glut

B4045B47-4-1-1,
6249 2507
Common

-2 ✓ 2508

B4045B47-4-2-1
6250 2509

-2 ✓ ✓ 2510

B47-4399-2-1 (Natl. Cross) Glut.
,252 ✓ 2511

B47-4399-7-1
,257 2512

2513	B47-4399-7-2	(Natl. (ross) Glut			6257
2514	B47-4399-8-1				6258
2515	-2				〃
2516	B47-4399-15-1				6265
2517	B47-4399-16-1				6266
2518	-2				〃
2519	-3 Saved cards 9/21				〃
2520		8/13	8/20		6

6267	B47-4399-17-1	(Natl. Cross) Glut.	2521
268	B47-4399-18-1		2522
✓	-2		2523
6269 Common	B47-4399-19-1		2524
✓ ✓	-2		2525
✓ ✓	-3		2526
273	B47-4397-1-1	Sand conlis 9/21	2527
✓	-2		2528

2529	B47-4397-2-1	(Nalt. Cross) Glut 8/17		6274
2530	-2			✓
2531	B47-4397-4-1 ✓	8/12 plant rec'd		6276
2532	B47-4394-1-1			6281
2533	-2			✓
2534	B47-4394-2-1			6282
2535	-2			✓
2536	-3			✓

287	B47-4394-7-1	(Natl. Cross) Glut.		2537
✓	-2			2538
✓ Comm.	-3			2539
13.		Lwi 8/17		2540
288	B47-4394-8-1	(Natl. Cross) Glut.		2541
✓	-2	8/15		2542
✓	-3	8/16		2543
291	B47-4394-11-1	8/14		2544

2545	B47-4394-11-2	(Natl. coss) Glut. 8/14			6291
2546	B47-4394-12-1				6292
2547	-2				✓
2548	B47-4394-14-1 ✓				6294
2549	✓ -2	8/13			✓
2550	B47-4394-15-1				6295
2551	-2				✓
2552	B47-4394-18-1				6298

✓	B47-4394-18-2 (Natl Cross) Glut.	2553
299	B47-4394-19-1	2554
✓	-2	2555
301	B47-4394-21-1	2556
✓	-2	2557
✓	-3	2558
✓	-4	2559
1	mi 8/17	2560

2561	B47-4394-22-1	(NATL. Cross)	GLUT 6302
2562	-2		✓
2563	-3		✓
2564	B47-4394-24-1		6304
2565	B47-4393-3-1	8/12 Seq	6308
2566	-2		✓
2567	B47-4393-5-1		6310
2568	-2		✓

312 leg.	B47-4393-7-1 (NATL GROSS) GLOT.	2569
✓	- 2	2570
✓	- 3	2571
314	B47-4393-9-1	2572
✓	- 2	2573
315	B47-4393-10-1	2574
316	B47-4393-11-1	2575
✓	- 2	2576

2577 B47-4393-14-1 (NATL. CROSS) CULT. 6319 Seg.

2578 -2 ✓

2579 -3 ✓

2580 8/12 9

2581 B47-4385-87-1-1, (Natl. Cross) Glut. 6324

2582 -2 ✓

2583 B47-4385-87-3-1 6326
Similar to 2498, pistol crimper origin

2584 -2 8/16 ✓

328 B47-4385-87-5-1 (NATL. Cross) Clut
Leg. 2585

- 2
✓ 2586
✓

- 3
✓ 2587

329 B47-4385-87-6-1 2588

- 2
✓ 8/16 2589

331 B47-4385-87-8-1
Leg Ex Mud Lot ✓ 2590

- 2
✓ 2591

332 B47-4385-87-9-1 2592

2593	B47-4385-87-9-2 8/12		(Natl. Cross)		Clot. 6332
2594	B47-4385-87-10-1				6333
2595		-2			✓
2596	Purple Plant				6156
2597					✓
2598	Purple Plant				6161
2599					✓
2600					104

Purple plant

173 2601

2602

F-3-B4564A2-12-1-1 Brain Sel. XZ

301 Uni 8/14 2603

-2 Uni 8/14 2604

F-3-B4564A2-12-2-1

302 Uni 8/13 2605

-2 Uni 8/14 2606

F-3-B4564A2-12-3-1

303 Uni 8/14 2607

-2 Uni 8/15 2608

2609	F-3-B4564A2-12-4-1, Bruin Sel. XZ		Uni 8/16	2304
2610	"	-2	Uni 8/14	"
2611	~~F-3-~~B4564A2-12-5-1		Uni 8/16	2305
2612	"	-2	Uni 8/16	"
2613	~~F-3~~B4564A1-10-2-1		Uni 8/20	2306
2614		-2	8/20	"
2615	~~F3~~-B4564A2-77-2-1		8/18	2317
2616	F3-B4564A2-77-8-1		8/15	2318

✓	F3-B4564A2-77-3-2, Bruin Sel XZ	8/13	2617
319	F3-B4564A2-77-4-1	8/14	2618
✓	-2	8/11 Seq	2619
3		8/19	2620
22	F3-B4564A2-77-6-1, Bruin Sel. XZ	8/12 Seq	2621
✓	-2		2622
26	F3-B4564A2-77-10-1		2623
✓	-2		2624

2625	F-3-B4564A2-77-13-1	Bruin Sel. X Z – mm 8/16	2324
2626	-2 – mm 8/16		✓
2627	F-3-B4564A2-77-18-1		2334
2628	-2		✓
2629	F-3-B4564A2-77-23-1		2339
2630	-2		✓
2631	F-3-B4564A2-77-26-1		2343
2632	-2 – dg 8/12		✓

F-3-B4564A2-77-30-1 Bruin Sel. XZ

347 — uni 8/14 ✓ 2633

-2

✓ — uni 8/14 ✓ 2634

F-3-B4564A4-35-5-1

354 8/12 ✓ 2635

-2

✓ 8/13 ✓ 2636

a v. good small sealed smooth 2
type, clean straw, may be too late

-3

✓ 8/12 2637

F-3-B4564A4-35-9-1

58 2638

-2

✓ 2639

9 2640

2641	F-3-B4564A4-35-13-1	Bruin Sel. XZ	2363
2642	-2		✓
2643	-3		✓
2644	-4		✓
2645 ✓	-5		✓
2646 ✓	F-3-B4564A4-35-18-1	– Unit 8/15	2368
2647 ✓	-2	– Unit 8/13	✓
2648 ✓	-3	– Unit 8/15	✓

F-3-B4564A4-35-18-4 Bruin Sel. XZ

✓ — uni 8/14 ✓2649

-5

✓ — uni 8/13 ✓2650

F-3-B4564A4-35-21-1

371 8/12 8/18 ✓2651

-2

✓ 8/12 8/18 ✓2652

F-3-B4564A4-35-22-1

372 — uni 8/12 2653

-2

✓ — uni 8/12 2654

F-3-B4564A4-35-24-1

374 2655

-2

✓ 8/8 Seg 2656

2657	F-3-B4564A4-35-24-3	Bruin Sel XZ — Unm 8/13	2374
2658	-4		✓
2659	-5	Unm 8/13	✓
2660			68
2661	B439A1-5-8-2-1	Sm BR X 3715A 8/16	2591
2662	-2	8/16	✓
2663	F-5B4913A2-57-1-2-1	Sm BR-BR41 X F-Red	2594
2664	-2	8/14	✓

Progeny rows are all S Pat

F-5B4313A2-57-1-2-3 Sm BR-BR41 X F-Red

8/14 2665

F-5-B4313 A2-57-19-4-1

598 8/16 2666

-2

8/16 2667

-3

8/15 2668

F-5-B433A2-6-6-1-1-1 B41-3299 X (R-5BR x BR41)

601 2669

-2

2670

F-5-B433A2-6-6-1-2-1

602 2671

-2

2672

2673	F-5-B433A2-6-6-1-3-1 , B41-3299 X (R-5BR x BR41)		2603
2674	-2		✓
2675	F-5-B433A2-6-6-B-1-1	8/14	2606
2676	-2	8/14	✓
2677	F-5B433A2-6-6-8-2-1	8/16	2607
2678	-2	8/16	✓
2679	F-5-B433A2-6-10-9-1-1		2608
2680	RN	8/17	78

F-5-B433A2-6-10-9-1-2, B41-3299 X (R-5BR x BR41)

2681

-3 8/17

2682

F-5-B433A2-6-10-9-2-1

2683

-2 8/14

2684

F-5-B433A2-6-10-2-1-1

2685

-2

2686

-3

2687

-4

2688

2689	F-5-B433A2-6-10-7-1-1,		B41-3299X(R-5BRxBR41)	2611
2690	✓	-2		✓
2691	✓	-3 8/13		✓
2692	F-5-B433A2-6-3-3-1-1,			2576
2693	-2			✓
2694	B4540A1-5-1-1	B3313A1-20x Hill Medium		2681
2695	-2			✓
2696	B4540A1-5-2-1			2682

B4540A1-5-2-2	B3313A1-20x Hill Medium	2697
B4540A1-8-1-1 2683		2698
B4540A1-8-2-1 2684		2699
6	8/M	2700
B4536A1-1-1-1 2698	B3313A1-20x Hill Medium	2701
-2		2702
B4536A1-1-2-1 2699		2703
-2		2704

2705	B4536A1-2-1-1	, B3313A1-20 x Hill	Medium	2701
2706	-2	8/13		V
2707	B4536A1-3-1-1	8/17		2702
2708	B4536A1-3-2-1	8/16		2703
2709	B4536A1-3-3-1	8/16		2704
2710	B4536A1-4-1-1			2705
2711	B4536A1-9-1-1			2706
2712		8/12		V

706	B4536A1-9-1-2, B3313A1-20 X Hill Med.	8/12 V. early log'd	2713
✓	-3		2714
707	B4536A1-9-2-1		2715
✓	-2		2716
✓	-3		2717
✓	-4		2718
709	B4536A1-17-2-1	8/12 ✓	2719
5			2720

2721	B4536A120-1-1	, B3313A1-20	X	Hill Med.	2711
2722	-2				✓
2723	B4536A1-20-2-1	8/16			2712
2724	B4536A1-24-1-1				2713
2725	-2				✓
2726	-3				✓
2727	-4				✓
2728	B4536A1-24-2-1				2714

B4536A1-24-2-2 , B3313A1-20 X Hill Med. 2729

-3 2730

-4 2731

B4536A1-3-1-1 , R-7689 X Hill Med. 8/12 2732

.716

-2 8/16 2733

-3 8/16 2734

-4 8/13 2735

B4536A1-3-R-1 8/14 2736

.717

2737	B4536A1-3-2-2	R-7689 x Hill Med.	8/12	8/17	2717
2738	B4536A1-3-3-1		8/13		2718
2739	-2		8/16		✓
2740			Unr 8/18		9
2741	B4536A1-3-4-1	R-7689 x Hill Med.	8/16		2719
2742	-2		8/14		✓
2743	B4536A1-3-5-1		8/14		2721
2744	-2		8/10	8/18	✓

726	B4536A1-8-1-1 , R-7689 x Hill Med.		2745
730	F-3-B4540A3-2-1-1	8/13	2746
	-2	8/14	2747
732	F-3-B4540A3-2-3-1	8/14	2748
	-2	8/16	2749
729	B4536A1-9-2-1	8/11	2750
	-2		2751
736	F-3-B4530A1-2-1-1 , B4033A4-38 x Hill Med.	8/10	2752

2753	F-3-B4530A1-2-1-2	, B4033A4-38 x Hill Med.		2736
2754	F-3-B4530A1-2-2-1			2737
2755	-2	8/8	8/17	↙
2756	F-3-B4530A1-3-1-1	8/12	8/17	2738
2757	-2	8/12	8/17	↙
2758	F-3-B4530A1-3-2-1	8/13	8/18	2739
2759	-2	8/12	8/17	↙
2760				69

Type part on early shipment for C.O. on 7/26

F-3-B4530A1-4-2, B4033A4-38 X Hill Med.

742 8/14 2761

-3 2762

F-3-B4530A1-5-1-1

744 V short straw 2763

-2 2764

F-3-B4530A1-5-3-1

746 2765

-2 8/17 2766

a very early short stemmed one,

-3 2767

a late one

F-3-B4530A1-5-4-1

747 2768

2769	F-3-B4530A1-5-4-2, B4033A4-38 X Hill Med.		2747
2770	F-3-B4530A1-6-1-1	8/16	2748
2771		-2	✓
2772		-3	✓
2773	F-3-B4530A1-6-2-1	8/12	2749
2774		-2 8/16	✓
2775		-3 8/14	✓
2776	F-3-B4530A1-49-1-1		2750

V good fungus, fuller than Tallahassee land, early, short straw, St & CO

short straw, early, St & CO,

lt br/ med-gr

756	F-3-B4530A1-16-3-1, B4033A4-38 X Hill Med.	2777
	-2.	2778
759	F-3-B4530A1-19-1-1 8/16	2779
8		2780
	F-3-B4530A1-19-1-2 8/16	2781
	-3 8/16	2782
61	F-3-B4530A1-19-2-1 8/13	2783
63	F3-B4530A1-27-1-1	2784

2785	F3-B4530A1-27-1-2, B4033A4-38 X Hill Med.	8/16	2760
2786	F3-B4530A1-33-2-1	8/18	2761
2787	F3-B4530A1-36-1-1 early, good stand Sta Co.	8/13	2770
2788	-2 late		✓
2789	F3-B4530A1-36-2-1	8/17	2771
2790	-2 Sta Co, V. short sturdy straw uniform lot		✓
2791	F3-B4530A1-39-2-1	8/16	2773
2792	-2.	8/14	✓

774	F3-B4530A1-41-1-1, B4033A4-38 x Hill Med.	2793
776	F3-B4530A1-43-1-1	2794
778	F3-B4530A1-47-1-1	2795
781	F-3-B4530A3-63-1-1	2796
786	F3-B4530A3-63-6-1	2797
788	F3-B4530A3-63-8-1	2798
	-2	2799
18		2800

2801	F3-B4530A3-10-1-1, B4033A4-38 X Hill Med.	8/13	2789
2802	F3-B4530A3-10-2-1	8/12	2790
2803	F3-B4530A3-64-1-1		2792
2804	-2		✓
2805	F3-B4530A3-6-4-4-1		2795
2806	-2		✓
2807	F3-B4530A3-6-4-5-1		2796
2808	-2		✓

805 F3-B4530A3-37-1-1, B4039A4-38 X Hill Med. 2809

-2 2810

-3 2811

-4 2812

807 F3-B4530A3-61-1-1 2813

-2 2814

812 F3-B4530A3-61-6-1 2815

-2 2816

F3-B4530A3-54-1-1, B4033A4-38 X Hill Med.

2817 ✓ 2813

2818 -2 ✓

2819 -3 ✓

2820 — Lmi 8/16 6

2821 B4530A48-1-1, B4033A4-38 X Hill Med 2815

2822 -2 ✓

2823 F3-B4530A1-49-1-1 8/16 2818

2824 -2 ✓

F3-B4530A1-49-1-3, B4033A4-38X Hill Med.
8/15
2825

821 F3-B4530A1-49-3-1
8/16
2826

823 F3-B4530A1-51-1-1
2827

824 F3-B4530A1-51-2-1
2828

-2
2829

-3
2830

825 F3-B4530A1-51-3-1
2831

828 F3-B4530A1-52-2-1
2832

F3-B4530A1-64-2-1, B4033A4-38 X Hill Med

2833

2834 -2.

2835 F3-B4530A1-60-1-1

2836 -2

2837 F3-B4530A1-60-2-1

2838 -2

2839 B46-6124-9-1 Hill Patnd Sel. 8/12

2840

848	Hill Med. X Hill Long	2841
850		2842
		2843
854	B46-5048-8-1-1, Hill Med. X Hill Long	2844
858	B46-5048-8-14-3-1	2845
359	B46-5048-8-14-4-1	2846
861	B46-5048-8-14-5-1	2847
365	B46-4995-31-1-1, Hill Natl. Cross 8/6 Sel	2848

B46-4935-31-1-2, Hill Natl. Cross

2849 8/6 Seg 2865

-3

2850 8/8 Seg ✓

-4

2851 8/8 Seg ✓

-5

2852 ✓

B46-4935-31-2-1

2853 8/5 Seg 2866

B46-4935-31-3-1

2854 2867

B46-4935-31-4-1

2855 clean for Ho. two C.O. 2868
long lds. looks good

B46-4936-31-5-1

2856 2869

2872 B46-4935-15-1-1, Hill Natl. Cross 2857

2874 B46-4935-15-3-1 2858

2876 B46-4935-17-1-1 8/1 Sy 2859

9 8/12 2860

879 B46-4935-21-2-1, Hill Natl. Cross 2861

882 B46-4935-24-1-1 mud-gravel straw 2862

883 B46-4935-24-2-1 7/28 Sy long gravel and straw 2863

884 B46-4935-25-1-1 2864

2865	B46-4935-25-3-1, Hill Nat'l Cross		2886
2866	B46-4935-29-1-1		2888
2867	B46-4935-29-2-1	1/5 Sey	2889
2868	B48-3555-1-1-1	Hill X Red	2914 red seed coat
2869	-2	1/25 Sey 1 Stripe 8/15	
2870	B48-3555-1-3-1		2816 red seed co
2871	-2		
2872	B48-3855-1-4-1	8/1 Sey	2917 red seed coat

B48-3555-1-4-2 Hill X Red

	8/7 Seg	2873
-3	8/14 Seg	2874
-4	8/6 Seg	2875
-5	8/12 Seg	2876
-6	8/4 Seg	2877
-7	8/1 Seg	2878
-8		2879
9		2880

B48-3565-1-4-9 Hill X Red

2881 2917 WHITE SEED COAT

-20 8/8 Sug

2882

-31

2883

-42

2884

-43

2885

CI-6011

2886 no seed 2918

2887 8/14

CI-6018

2888 8/19 2819

CI - 6018		[redacted] Red 8/19	2889
CI 6037 2921		Wm 8/19	2890
↙		Wm 8/17	2891
CI 8150 2922		8/11	2892
↙		8/12	2893
↙		8/15	2894
CI 8337 2923		8/14	2895
↙		8/12	2896

2897	CI 8337 (Peru) ~~Hill x Red~~	8/13		2925
2898	CAL.-1358-2-1	8/12	8/16	2925
2899	-2	8/14	8/18	✓
2900				68
2901	CAL.-1462-2-1 ~~Hill x Red~~ no seed			2929
2902	-2	— Am	8/18	✓
2903	-3	— Am	8/18	✓
2904	CAL.-1463-2-1	8/12		2933

CAL.-1463-2-2 ~~Hill X Red~~ 9/12 2905

CAL. 1469-2-1 937 mi 8/18 2906

-2 mi 8/18 2907

8/12 2908

Plant lab. greenhouse.

8/12 2909

CAL.-1470-3-1 '44 mi 8/17 2910

-2 mi 8/18 2911

CAL.-1473-5-1 '49 8/12 2912

2913	CAL.-1473-5-2 ~~Hill x Red~~ appears to be different from original, grown in field test	8/12	2949
2914	CAL.-1474-1-1	8/12	2950
2915	-2.	8/12	✓
2916	B45378I-26-B3313AI-20 X Rexark and B4538AI-B3313AI-20 XTP-R-SBR		2685
2917			2687
2918			✓
2919			2688
2920			78

B4537A1-26-B3313A1-20 x Rexark + B4538A1-B-3313A1-20 x TP-R-SBR

690 2921

692 Seth & professor starting Indian tripper / family tree 2922

693 2923

8/13 2924

B4537A1-5-HB3313A1-20 x Rexark

43 2925

-2 2926

B4537A1-5-3-1

45 2927

B4537A1-11-1-1

46 2928

2929	B4537A1-11-1-2	B3313A1-20 X Rexark	3046
2930	B4537A1-16-1-1		3047
2931	-2		↙
2932	-3		↙
2933	B4537A1-17-1-1		3050
2934	-2		↙
2935	-3		↙
2936	B4537A1-29-1-1		3053

B4537A1-29-1-2 B3313A1-20 X Rexark

2937

B4537A1-42-1-1

2938

-2

2939

8/12

2940

B4639A1-19-2-1 B3313A1-20 X Rexark

2941

-2

2942

B4589A1-19-3-1

2943

-2

2944

	B4539A1-19-5-1	B3913A1-20 x Rexark
2945 ✓		3063
2946 ✓	B4539A1-19-8-1	3066
2947 ✓	-2	✓
2948 ✓	B4539A1-19-9-1	3067
2949 ✓	-2	✓
2950	B4539A1-19-10-1	3068
2951	B4539A1-19-10-1	3069
2952 ✓	-2	✓

3070 B4539A1-19-12-1, B3313A1-20 x Rexark 2953

3072 B4539A1-5-2-1 2954

076 B4528A1-15-2-1, B4033A4-38X Rexark 2955

077 B4528A1-15-3-1 2956

079 B4528A1-35-1-1 2957

-2 2958

090 B4528A1-40-4-1, B4033A4-38 X Rexark 2959

75 8/13 2960

2961	B4528A1-40-4-2, B4033A4-38 X Rexark	3090
2962	B4528A1-47-1-1	3092
2963	-2	✓
2964	B4528A1-49-1-1	3094
2965	B4519A1-50-3-1	3098
2966	-2	✓
2967	B4519A1-51-1-1	3102
2968	-2	✓

3116	B4519A1-29-2-1	B4033A 4-38 x Rexark	2969
118	B4519A1-29-4-1		2970
	-2		2971
121	B4519A1-33-2-1		2972
	-2		2973
123	B4519A1-35-1-1		2974
128	B4519A1-52-6-1		2975
	-2		2976

Do not test ells in row

2977	B4519A1-52-10-1	B4033A4-38 X Rexark	3133
2978	B4519A1-44-1-1		3137
2979	-2		✓
2980		8/12 8/18	✓
2981	B4519A1-44-9-1	B4033A4-38 X Rexark	3139
2982	-2		✓
2983	B4519A1-45-1-1		3141
2984	-2		✓

B4519A1-45-3-1 B4033A4-38 X Rexark

3143 2985

B4519A1-47-1-1

3144 2986

-2 2987

-3 2988

B459A3-47-1-1 Hill Sel. X Rexark

396 2989

-2 2990

B459A3-47-2-1

397 2991

-2 Pink RN midventy outstanding long sl. grain type 2992

2993	B459A1-68-1-1	Hill Sel. X Rexark	4398
2994	B459A1-68-2-1		4399
2995	-2		✓
2996	B459A1-108-1-1		4401
2997	-2		✓
2998	B459A1-109-2-1	much like 2992 but less grain length	4405
2999	-2		✓
3000			69

4407	B459A1-115-2-1	Hill Sel 1 Rexark	3001
	-2		3002
	-3		3003
4409	B459A1-115-4-1		3004
	-2		3005
	-3	Midseason Patina uniform grain type V. good.	3006
4410	B459A1-116-1-1	8/14	3007
	-2	8/16	3008

3009	B459A1-116-2-1	8/16	Hill Sel. X Rexark	4411
3010	-2 v short straw, type	8/15 very early long sl gr		✓
3011	B459A1-117-1-1 a short-straw	8/14 med-gr type early		4413
3012	B459A1-118-2-1 a midseason green straw type RN med large type v. easy to thresh, no taller than RN no C. O.			4415
3013	-2			✓
3014	B459A1-119-2-1			4417
3015	-2			✓
3016	B459A1-123-1-1			4424

425	B459A1-123-2-1	Hill Sel X Rexark	3017
433	B459A3-51-4-1		3018
443	B459A3-54-1-1	Outstanding long sl. gran type, about atlan, BBI mat,	3019
8			3020
	B459A3-54-1-2	Hill Sel X Rexark	3021
444	B459A3-54-2-1		3022
	-2		3023
445	B459A3-54-3-1	much like 3019 but probably later maturing	3024

3025	B459A3-54-4-1	Hill Sol. X Rexark	K446
3026	-2		✓
3027	-3		✓
3028	B459A3-69-1-1		4452
3029	-2		✓
3030	B459A3-69-3-1		4454
3031	-2		✓
3032	B459A3-68-1-1		4467

	B459A3-68-1-2 Hill Sel. & Rexark	3033
4469	B459 A3-69-1-1	3034
	-2	3035
4470	B459 A3-69-2-1	3036
	-2	3037
4474	B459 A3-72-1-1	3038
	-2	3039
8		3040

3041 ✓	B459A3-74-1-1	Hill Sel. X Rexard	4477
3042 ✓	B459A3-74-2-1		4478
3043 ✓	-2		✓
3044 ✓	B459A3-74-3-1		4479
3045 ✓	-2		✓
3046 ✓	B459A3-74-4-1		4481
3047 ✓	-2		✓
3048 ✓	-3		✓

482	B459A3-76-1-1 Hill Sel. X Rexark	3049
	-2	3050
501	B459A3-83-2-1	3051
	-2	3052
505	B459A3-84-2-1	3053
	-2	3054
	longer gr. than 3053	Hv
	B459A13-95-16-1	3055
	-2	3056

X designates V. early row in 1949

3057		3		62
3058				✓
3059				✓
3060		8/12	8/18	6
3061	F-3 B459A1-3-1-1	Hill Sel. X Rex. 8/4	8/12	3149 X
3062	F-3 B459A1-3-2-1	8/4	8/13	3150 X
3063	-2	8/4	8/15	✓ X
3064	F9 B459A1-4-1-1	8/4 Seg		3151 X

F3 B459A1-4-1-2 Hill Sel. X Rexark 8/2 Seg 3065

F3 B459A1-4-2-1 8/5 Seg 3066

-2 8/5 Seg 3067

B459A1-9-1-1 VE 3068

B459A1-10-1-1 8/5 8/16 3069

-2 8/6 Seg 3070

B459A1-10-2-1 8/5 8/16 3071

B459A1-11-2-1 3072 Slate

3073 ✓	B459A1-12-1-1	Hill Sol. X	Rexark	3162
3074	-2 more uniform grain than 3073 midseason hyst. v. quen stain no C.O. late then BBt.			✓
3075 ✓	B459A1-13-1-1	8/5 Leg? —		3163 X
3076 ✓	-2	8/5	8/15	✓ X
3077 ✓	B459A1-15-1-1	8/8	8/14	3164 X
3078 ✓	B459A1-18-1-1	8/5	8/13	3167
3079 ✓	-2	8/5	8/15	✓ X
3080				7

3168	B459A1-19-1-1		Hill Sel. X Rexark	3081 ✓
✓	-2			3082 ✓
3170 X	B459A1-19-3-1	8/4		3083 ✓
3172 X	B459A1-22-1-1	8/1	8/10	3084
3174 X	B459A1-23-1-1	8/12		3085 ✓
3175 X	B459A1-23-2-1			3086 ✓
3176	B459A1-23-3-1			3087 ✓
3182	B459A1-26-4-1			3088 ✓

	B459A1-27-1-1	Hill Sel X Rexark		
3089		VE ? 8/14		3185 X
	-2			
3090		VE ? 8/14		✓ X
	B459A1-27-2-1	VE		
3091		1st stripe 7/20		3186 X
	-2			
3092		7/25 1st stripe 8/20		✓ X
	B459A1-28-1-1			
3093		8/12		3187 X
	-2			
3094		8/10		✓ X
	B459A1-28-2-1			
3095		8/9		3188 X
	B459A1-28-4-1			
3096				3190

3191 X	B459A1-29-1-1	8/8	Hill Sel. X Rexark	3097 ✓
3192 ✓	B459A1-31-1-1			3098 ✓
✓		-2		3099 ✓
9		8/12 ✓ 8/18		3100
3195 X	B459A1-31-4-1	8/10 8/17	Hill Sel X Rexark	3101
✓ X		-2 8/4 8/15		3102
3196 X	B459A1-31-5-1	8/8 8/15		3103 ✓
✓ X		-2 8/4 8/17		3104 ✓

3105	B459A1-31-5-3	Hill Sel X Roxark	8/4 Talbert	8/17 others	3196 X
3106	B459A1-36-1-1				3197 X
3107	B469A1-37-2-1				3199 X
3108	B459A1-37-3-1				3201
3109	-2				✓
3110	B459A1-41-1-1	late			3205
3111	B459A1-44-1-1		8/8	8/18	3206 X
3112	-2		8/10	8/18	✓ X

	B459A1-44-2-1		All Sol. X Rexark	
3207 X		8/4	8/15	3113
	B459A1-44-3-1			
3208 X		8/4	8/16	3114
		-2		
X		8/12		3115
	B459A1-44-4-1			
3209 X		8/8 Dup		3116
		-2		
X		8/8		3117
	B459A1-43-1-1			
3210		8/4		3118
	B459A1-45-1-1			
3212 X		8/4 Dup		3119
69				3120

	B459A1-46-2-1	Hill Sel. & Rexark	
3121 ✓		8/5	3213 X
	B459A1-46-1-1		
3122 ✓		8/4 Seg	3214 X
3123 ✓	·2	8/4 Seg	✓ X
	B459A1-46-2-1		
3124 ✓			3215
	B459A1-46-3-1		
3125 ✓		8/6	3216 X
3126 ✓	·2	8/4	✓ X
	B459A1-47-1-1		
3127 ✓		8/8	3217 X
	B459A1-49-1-1		
3128 ✓		8/4	3218 X

✓ X	B459A1-49-1-2	8/6	Hill Sel. X Rexark 3129 ✓
3219 X	B459A1-49-2-1	8/10	3130 ✓
✓ X	-2	8/12 ✓	3131 ✓
3221 X	B459A1-49-3-1	8/12 ✓	3132 ✓
✓ X	-2	8/4	3133 ✓
3222 X	B459A1-50-1-1	8/12 ✓	3134 ✓
3223 X	B459A1-50-2-1		3135 ✓
✓ X	-2		3136 ✓

		Sel		
	B459A1-50-3-1	Hill X Rexark		
3137		8/4 Sq 8/16		3224 X
3138	-2	8/8		✓ X
3139	-3	8/2 1st ripe	8/14 8/18	✓ X
3140				68
	B459A1-52-1-1			
3141	V. late excellent IR type shat stam V. green stam.			3225
	B459A1-52-3-1			
3142	Standing V. medium no. C, O.	8/4	8/16 9/28	3227 X
3143	-2	8/5	8/16	✓ X
	B459A1-53-1-1			
3144		8/5	8/15	3228 X

	B459A1-53-1-2		Mill Sol X Rexark	
✓ X		8/8	8/18	3145
	B459A1-55-1-1			
3229 X		8/6	8/18	3146
	B459A3-2-1-1			
3234 X		8/1 1st rope	8/12 8/17	3147
✓ X	-2	Unc 8/16		3148
✓ X	-3	Unc 8/15		3149 ✓
	B459A3-3-1-1			
3235 X				3150 ✓
	B459A3-3-2-1			
3236 X		8/6 Seq		3151 ✓
✓ X	-2	8/6 Seq		3152 ✓

B459A3-4-1-1 Hill Sel x Rexarls

3153 ✓ 3237

3154 -2 late ✓

B459A3-5-1-1

3155 moderate rust 3238
Nov 9/28 no C.O.

3156 -2 C.O ✓

3157 -3 C.O ✓

B459A3-5-2-1

3158 8/3 8/13 3239
Nov 9/28 some C.O. on most rust of ✓
9/27 earliest, 1st type 8/16 X

3159 -2 8/3 8/16 ✓ X
✓

3160 ✓ 78

3241 X	B459A3-5-3-1	Hill Sol X Rexark	3161
3242	B459A3-5-4-1		3162
	-2		3163
3243	B459A3-6-1-1		3164
	-2		3165
3246 X	B459A3-8-1-1		3166
3247 X	B459A3-8-2-1		3167
X	-2		3168

3169 ✓	B459A3-8-3-1	Hill Sel. X Rexark 8/4 Seg	3248 X
3170 ✓	B459A3-8-4-1	8/4 Seg	3249 X
3171 ✓	B459A3-9-1-1	8/6 Seg	3250 X
3172 ✓	-2	8/10 Seg ✓	✓ X
3173 ✓	B459A3-9-2-1		3251
3174 ✓	-2		✓
3175 ✓	459/B10-3-1		55
3176 ✓	B459A3-9-2-3	Hill Sel. X Rexark ✓ -2 ✓	

55	10-3-3	8/4 (1 plant in row)	3177
	-4		3178
	-5		3179
		8/12	3180
55	-6		3181
	-7		3182
	-8		3183
	-9		3184

3185		-10		55
3186		-11		
3187		8/4 Seg		
3188	B459A3-10-1-1	Hill Sel. X Rexark		3253 X
3189	-2	8/4 Seg		
3190	B459A3-10-2-1	8/6	8/15	3254
3191	B459A3-11-1-1	8/12	8/16	3255 X
3192	-2	8/14		

Heavy staining, almost Turpie almost, but shows of ring

3256 X	B459A3-11-2-1	8/10	Hill Sel. X Rexark	3193 ✓
3258 X	B459A3-13-1-1	8/8 Seg		3194 ✓
✓ X	-2	8/8 Seg		3195 ✓
3259	B459A3-13-2-1			3196 ✓
✓	-2			3197
3261	B459A3-14-1-1			3198
✓	-2			3199
78				3200

32 35 38 41
3 6 9 2
4 7 40 3

B459A3-14-2-1 Hill Sel. X Rexark

3201 midseason mat. Short V. sturdy stem 3262

-2

3202 ✓

B459A3-14-3-1

3203 8/10 8/19. 3263
Sv Rv mature not pollen not Sv. a very promising row 8/17
2 plants in row appear to be rotten la

-2

3204 8/10 ✓

B459A3-15-1-1

3205 8/10 3265

B459A3-16-1-1

3206 8/12 3266

-2

3207 8/14 ✓

B459A3-16-2-1

3208 8/14 3267 X

B459A3-16-3-1 Hill Sel. x Rexark

3268 X — 8/10 Sq — 3209 ✓

-2

✓ X — 3210 ✓

B459A3-16-4-1

3269 ✓ — 8/12 — 3211 ✓

B459A3-18-1-1

3270 X — 8/12 — 3212

-2

✓ X — — wis 8/18 — 3213 ✓

B459A3-18-2-1

3271 X — 16 wis 8/18 — 3214 ✓

B459A3-18-3-1

3272 — 8/16 — 3215 ✓

B459A3-20-3-1

3276 X — 8/10 Sq — 3216 ✓

3217	B459A3-20-3-2	8/10	Hill Sel. X Rexark 8/16	3276 X
3218	B459A3-21-1-1	8/10	8/19	3277 X
3219	B459A3-22-1-1	8/10	8/18	3278 X
3220		8/14		9
3221	B459A3-22-1-2	8/12 Seg	Hill Sel. X Rexark	3278 X
3222	B469A3-24-1-1	8/12 Seg		3279 X
3223	-2	8/10	8/18	✓ X
3224	B459A3-25-1-1			3281 X

✓ X	B459A3-25-1-2	Hill Sel x Rexark		3225 ✓
3282 X	B459A3-25-2-1	8/13 Seg		3226 ✓
3283 X	B459A3-27-1-1	8/10	8/18	3227 ✓
3284	B459A3-27-2-1			3228 ✓
✓	-2			3229 ✓
3285	B459A3-27-3-1			3230 ✓
✓	-2			3231 ✓
3286 X	B459A3-29-1-1	8/10	8/20	3232 ✓

3233	B459A3-29-1-2	Hill Sel. x Rexark 8/14	3286 X
3234	B459A3-31-1-1	- Mi 8/18	3288 X
3235	B459A3-31-2-1	- Mi 8/20	3289 X
3236	-2	8/10 Seg?	✓ X
3237	B459A3-31-4-1		3291
3238	-2		✓
3239	B459A3-31-5-1	8/12	3292 X
3240			69

B459A3-31-5-2 Hill Sel. X Rexark

3292 X 8/10 3241 ✓

B459A3-32-1-1

3293 X 8/12 3242 ✓

B459A3-32-2-1

3294 X Un 8/20 3243 ✓

-2 VE Dg. 8/18

✓ X 3244 ✓

B459A3-32-3-1

3295 X Un 8/20 3245 ✓

-2 8/8

✓ 3246 ✓

B459A3-33-1-1

296 X 8/8 Dg 3247 ✓

B459A3-33-2-1

297 3248 ✓

3249 ✓	B459A3-33-2-2		Hill Sol. X Roxark	3297
3250 ✓	B459A3-33-3-1	an excellent shot stained BB's		3298
3251 ✓	-2			✓
3252 ✓	-3			✓
3253 ✓	B459A3-33-4-1	8/12		3299 X
3254 ✓	-2	8/8 Eg		✓ X
3255	B459A3-35-1-1			3301
3256 ✓	B459A3-37-1-1	8/10		3302 X

B469A3-37-1-2 Hill Sel. x Rexark
8/4 Sel
3257

B469A3-38-1-1
8/8
3258

B469A3-38-3-1
Very strong short stem, cutter sand 11-2/50
3259

3260

B469A3-38-3-2 Hill Sel. x Rexark
3261

B469A3-40-1-1
8/12
3262

-2
8/10
3263

B469A3-40-2-1
8/4
3264

	B459A3-40-2-2		Hill Sel. & Roxark	
3265 ✓		8/10		3306 X
	B459A3-40-3-1			
3266 ✓				3307
	B459A3-41-1-1			
3267 ✓				3308
	-2			
3268 ✓				✓
	B459A3-42-1-1			
3269 ✓				3310
	B459A3-42-2-1			
3270 ✓		8/12		3311 X
	B459A3-43-1-1			
3271 ✓				3312
	B459A3-43-2-1			
3272 ✓				3313

✓	B459A3-43-2-2	Hill Sol. X Rexark	3213 ✓
3314 X	B459A3-45-1-1 8/10		3214 ✓
✓ X	-2 8/10		3215 ✓
3315 X	B459A3-45-2-1 8/10		3216 ✓
✓ X	-2 8/18		3217 ✓
3316 X	B459A3-47-1-1 8/18		3218
3317 X	B459A3-47-2-1 8/14		3219
78			3280

	B459A3-47-2-2		Hill Sol. X Rexark	
3281 ✓		8/8		3317 X
	B459A3-47-3-1			
3282 ✓		8/8		3318 X
	-2			
3283 ✓		8/6		✓ X
	B459A1-64-1-1			
3284 ✓				3326
	-2			
3285 ✓				✓
3286	B459A1-65-1-1			3329
✓				
	B459A1-66-1-1			
3287 ✓				3330
	-2			
3288 ✓				✓

3333	B459A1-68-2-1	Kill Sel. X Reverts	3289 ✓
✓	-2		3290 ✓
3335	B459A1-69-2-1		3291 ✓
3336	B459A1-70-1-1		3292 ✓
✓	-2		3293 ✓
3337	B459A1-70-2-1		3294 ✓
3338	B459A1-72-1-1		3295 ✓
3339	B459A1-80-1-1		3296 ✓

3297	B459A1-86-1-1	Hill Sel. X Rexark	3343
	a med-gr. type, short		
	exceptionally sturdy straw		
	sl. late tiller RN		
3298	B459A1-87-1-1		3344
3299	-2 an excellent TP type,		✓
	med. gr. good TP grain,		
	good straw, not too tall		
3300			b
3301	B459A1-88-1-1	Hill Sel. X Rexark	3347
3302	B459A1-95-1-1		3352
3303	-2		✓
3304	B459A1-95-2-1		3353

✓	B459A1-95-2-2	Hill Sel. X Rexark	3305
3356	B459A1-95-6-1		3306
✓	-2		3307
3357	B459A1-95-6-1		3308
3361	B459A1-95-9-1		3309
✓	-2		3310
✓	-3		3311 ✓
3363	B459A1-95-11-1		3312 ✓

BBT, Tryptophan, purple husked Waxy grain, Type. Short stature, green stem

3313 ✓	B459A1-95-11-2		Mill Sol. K Rexarks	3363
3314 ✓	B459A1-97-1-1			3365
3315 ✓	-2	8/16		✓
3316 ✓	B459A1-97-2-1	8/17		3366
3317 ✓	B459A1-97-3-1	8/12		3367 X
3318 ✓	-2	8/10		✓ X
3319 ✓	BN59A1-99-1-1			3369
3320 ✓				75

B459A1-99-1-2 Hill Sel. X Rexark

3369 3321

B459A1-99-2-1

3370 3322

-2 3323

B459A1-99-4-1

3372 8/10 3324

X

B459A1-100-1-1

3373 3325

-2 3326

B459A1-104-1-1

3376 3327

-2 3328

3329 ✓	B469A1-109-1-1	Hill Sel. x Rexark 8/8	3379 X
3330 ✓	-2	8/7 Seg	✓
3331 ✓	B459A1-109-2-1	8/11	3381 X
3332 ✓	-2	8/10	✓ X
3333 ✓	-3	8/8	✓ X
3334	B459 A1-114-1-1		3384
3335	B459 A1-114-2-1		3385
3336	-2		✓

B4513A1-3-2-1 Hill Sel. X Rexark

387 X 8/17 3337

B4513A1-4-1-1

388 X 8/13 3338

B4513A1-8-1-1

389 X 3339

9 8/14 3340

B4513A1-8-1-2

389 X 3341

B4513A1-9-1-1

390 ogue (3342

2 8/16 3343

B4513A1-13-1-1

391 8/18 3344

3345 ✓	B451 3A1-13-1-2	8/12	Hill Sol. x Rexark 3391 rough x
3346	B4513A1-13-2-1	8/12	3392 x
3347 ✓	B4513A1-15-1-1	8/12	3393 x
3348 ✓	B4513A1-17-1-1	8/6	3394 x
3349 ✓	-2	8/13	✓ x
3350 ✓	B4513A1-21-1-1	8/14	3395 maybe 3495 rough
3351 ✓	B4513A1-23-1-1 Rough bulbs	8/19	3396 rough x
3352 ✓	B4513A1-25-1-1	8/10	3397 x

B4513A1-25-1-2 Hill Sol. X Rexark

8/10 3353

-3 8/6 3354

B4513A1-30-1-1

8/18 3355

-2 8/14 3356

B4513A1-30-2-1

8/14 3357

B4513A2-8-2-1

1.17 3358

-2 3353

3360

3361 ✓			247
3362 ✓			✓
3363 ✓			✓
3364 ✓			✓
3365	B4513A2-7-1-1	Hill Sel. X Rexark	3419
3366 ✓	-2		✓
3367 ✓	B4513A2-7-2-1		3421
3368 ✓	-2		✓

3424	B4513A2-11-1-1	Hill Sel. \ Rexark	3363
✓	-2		3370
3426	B4513A2-12-2-1		3371
✓	-2		3372
✓	-3		3373
3427	B4513A2-14-1-1		3374
✓	-2		3375
✓	-3		3376

3377 ✓			248
3378 ✓	B4513A2-17-2-1	Hill Sel. X ~~Rexark~~	3430
3379 ✓	-2		✓
3380 ✓			68
3381 ✓	B4513A2-21-1-1	Hill Sel. X ~~Rexark~~ BBA	3431
3382 ✓	-2		✓
3383 ✓	B4513A2-25-3-1		3434
3384 ✓	-2		✓

3436 B4513A2-27-1-1 Hill Sel. X Rexark 3385

-2 3386

3437 B4513A2-28-1-1 3387

-2 3388

Prot. fluorescent than Rk's, much greener star, no C.B. stem bulb, Rexora gran type very good.

3439 B4513A2-28-3-1 3389

-2 3390

3441 B4513A2-23-4-1 3391

4123 X B4517A1-5-1-1 Hill Sel. X (T.P. X R-7689) 3392

8/14

3393	B4517A1-5-1-2	8/8	Hill Sel. x CTP x	R-7689	4123
3394	B4517A1-7-1-1	8/6			4124
3395	-2	8/13			✓
3396	B4510 A-1-1-1	8/14	Hill x BBT.		4125 X
3397	-2	8/10			✓
3398	B410A1-2-1-1				4126 X
3399	-2				✓ X
3400		8/19			78

			3401
4129 X	B4510A1-4-1-1	Hill SEL. x BBT. 8/1 Seg	3402
	- 2	8/10	3403
430 X	B4510A1-4-2-1	8/4 Seg	3404
	- 2	8/4 Seg	3405
4132	B4510A1-5-2-1-1	8/15	3406
4135	B4510A1-8-2-1		3407
	- 2		3408

3409 ✓	B4510 A1-8-4-1	8/10	Hill SEL X BBT.	4137 X
3410 ✓	-2	8/12		✓ ✓
3411 ✓	B4510 A1-9-2-1			4141
3412 ✓	B4510 A1-9-3-1			4142
3413 ✓	B4510 A1-16-1-1	8/9		4143 X
3414 ✓	B4510 A1-10-2-1			4144
3415 ✓	B4510-A1-12-1-1	8/8		4145 X
3416 ✓	-2	8/4		✓ X

4147 X	B4510A1-16-1-1	8/1	Hill SEL.X BBT.	3417
4148 X	B4510A1-16-2-1	8/6		3418
4149 X	B4510A1-17-1-1	8/5		3419
6		8/14		3420
4149 X	B4510A1-17-1-2	8/4	Hill SEL.X BBT.	3421
4150 X	B4510A1-17-2-1	8/10		3422
✓ X	-2	8/16		3423
4152 X	B4510A1-18-2-1	8/15		3424

3425	B4510A1-19-1-1	8/8	Hill Sel. x BBT.	4153 X
3426	-2	8/10		✓ X
3427	-3	8/8		✓ X
3428	B4510A1-19-2-1	8/10		4154 X
3429	-2	8/8		✓ X
3430	B4510A1-22-1-1	8/7	8/18	4155 X
3431	B4510A1-25-2-1	8/7		4157 X
3432	-2	8/8		✓ X

H159 X	B4510A1-25-4-1 8/4	Hill SEL. X BBT.	3433 ✓
H162	B4510A1-29-2-1		3434 ✓
4164 X	B4510A1-33-2-1 8/4		3435 ✓
	- 2		
✓ X			3436 ✓
H65 X	B4510A1-34-1-1 8/4		3437 ✓
H171	B4510A1-48-1-1		3438 ✓
	- 2		
✓			3439 ✓
75			3440

3441	B4510A1-75-1-1	Hill sel. x BBT.	4172
3442	-2		✓
3443	-3		✓
3444	B4510A1-75-2-1		4173
3445	-2		✓
3446	B4510A1-75-4-1		4175
3447	-2		✓
3448	-3		✓

4176	B4510A1-75-5-1	Hill SEL. x BBT.	3449
✓	-2		3450
4179	B4510A1-75-6-1		3451
✓	-2	Prob earlier than BBT.	3452
✓	-3	?	3453
4178	B4510A1-75-7-1		3454
✓	-2		3455
4179	B4510A1-75-8-1		3456

3457	B4510A1-75-8-2	Hill SEL. x BBT	4179
3458	B4510A1-76-3-1		4186
3459	-2		✓
3460		9/14	9
3461	B4510A1-76-5-1	Hill SEL. x BBT.	4188
3462	B4510A1-76-8-1		4191
3463	-2		✓
3464	-3		✓

4193	B4510A1-76-10-1	Hill SEL. XBBT.	3465 ✓
4195	B4510A1-76-12-1		3466 ✓
✓	-2		3467 ✓
4198	B4510A1-76-15-1		3468 ✓
✓	-2		3469 ✓
4199	B4510A1-76-16-1		3470 ✓
✓	-2		3471 ✓
4204	B4510A1-77-4-1		3472 ✓

3473	B4510A1-77-15-1	8/10½ 8/17	Hill SEL. x BBT	4215
		LBB+ type growth (Watch)		
	-2			
3474				✓
3475	Stools very much, st taller than cut, very good	8/10 uniform	BB+x Hill Unbranch	
3476		8/10		✓
3477		8/10		✓
✓				
3478		8/12		✓
✓				
3479	B4512A1-2-1-1	8/4 Jay		4219 X
3480				69
✓				

B4512A1-2-2-1 Hill Sol. XBBT

4221 X — 8/4 Seg — 3481 ✓

-2

✓ X — 8/4 Seg — 3482 ✓

B4512A1-154-7-1

4228 — BBT septum, short str V. good. — 3483 Hh

B4512A1-154-14-1

4235 — 3484 ✓

-2

✓ — 3485 ✓

B4512A1-154-19-1

4241 — 3486 ✓

B4512A1-154-26-1

4248 — 3487 ✓

-2

✓ — 3488 ✓

#1-154-Lum-BBT-Seg, Gun Blubul (Calcul pubj stor bug) Thin Sec

B4512A1-154-27-1 Hill Sel. XBBT

3489 4249

-2

3490

B4512A1-154-28-1

3491 4250

-2

3492

B4512A1-154-29-1

3493 4251

Tall growth unlike other 171-154 lines.

B4512A1-154-32-1

3494 4254

-2

3495

B4512A1-154-34-1

3496 4256

B4512A1-154-34-2 Hill Sel. x BBT

3497

distally very thready roots

-3

3498

B4512A1-154-36-1

4258

3499

3500

B4512A1-154-36-2 Hill Sel. x BBT

4258

3501

B4512A1-3-1-1

4259

3502

B4512A1-4-1-1

4262

3503

-2

3504

3505	B4512A1-4-2-1	Hi II Sel. x BBT	4263 X
3506	-2		✓ ✓
3507	B4512A1-8-2-1		4268 X
3508	-2		✓ ✓
3509	B4512A1-9-1-1		4269 X
3510	-2		✓ X
3511	-3		✓ X
3512	B4512A1-15-1-1		4270 X

✓ ✓	B4512A1-15-1-2	Hill Sel. XBBT	3513 ✓
✓ ✓	-3		3514 ✓
1271 X	B4512A1-15-2-1		3515 ✓
✓ ✓	-2		3516 ✓
1272 X	B4512A1-17-1-1		3517 ✓
✓ ✓	-2		3518 ✓
✓ ✓	-3		3519 ✓
8			3520 ✓

3521	B4512A1-19-2-1		HILL. SEL. X BB1 4274 X
3522		-2	✓ ✓
3523		-3	✓ ✓
3524		-4	✓ ✓
3525	B4512A1-20-1-1		4275 X
3526		-2	✓ ✓
3527	B4512A1-22-2-1		4279 X
3528	B4512A1-25-1-1		4281 X

484 X	B4612A1-28-2-1	Hill Sol. XBBT	3529
489 X	B4512A1-32-2-1		3530
		-2	3531
		-3	3532
290 X	B4512A1-34-1-1		3533
		-2	3534
		-3	3535
		-4	3536

3537	B4512A1-34-1-1	Hill Sel XBBT	4290 X
3538	-2		
3539	-3		
3540			75
3541	B4512A1-34-3-1	Hill Sel. XBBT	4292 X
3542	-2		
3543	-3		
3544	-4		

B4512A1-34-2-1 Hill Sel. XBBT

291 X 3545

-2 3546

-3 3547

B4512A1-40-1-1

293 X 3548

-2 3549

-3 3550

B4512A1-41-1-1

294 X 3551

-2 3552

3553	B4512A1-29-1-1	Hill Sel X BBT	4285 X
3554	-2.		
3555	B4512A1-44-2-1		4297
3556	-2		
3557	B4512A1-44-4-1		4299
3558	-2		
3559	-3		
3560			9

304	B4512A1-50-1-1 Hill Sel XBBT	3561
✓	-2	3562
✓	-3	3563
✓	-4	3564
305	B4512A1-50-2-1	3565
✓	-2	3566
✓	-3	3567
✓	-4	3568

35 11 x 2

Denver

3569 B4512A1-50-2-5 Hill Sel. XBBT 4305

3570 -6 ✓

3571 B4512A1-50-3-1 2 am H.O.; C.O. resistant BBT 4306
Nr Type smooth bulbs, long el; am, very few segs, velvety tips

3572 -2 ✓

3573 -3 ✓

3574 -4 ✓

3575 -5 ✓

3576 -6 ✓

most are rough + shatter over
then most Commercial varieties
some are seg rough + smut +
some many 2" segs of thinking Cy Tabs,
Wattles are very variable

	B4512A1-50-3-7	Hill Sel. XBBT	3577
	-8		3578
	B4512A1-58-1-1		3579
			3580
	B4512A1-58-1-2	Hill Sel. XBBT	3581
	-3		3582
	-4		3583
	-5		3584

3571 ut d

3585	B4512A1-58-1-6	Hill Sel. XBBT	4309
3586	B4512A1-58-2-1		4310 X
3587	-2		
3588	-3		
3589	-4		
3590	B4512A1-63-2-1		4312
3591	-2		
3592	-3		

B4512A1-64-1-1 Hill Sel. ABBT		
113		3593
	-2	3594
	-3	3595
B4512A1-66-1-1		
114		3596
	-2	3597
	-3	3598
B4512A1-66-2-1		
115		3599
118		3600

~~2161~~ NW

~~2174~~ NW

~~2190~~ NW

~~2325~~

~~2636~~

~~2734~~

~~2790~~

~~2913~~

~~2986~~

~~2992~~

~~3006~~

~~3010~~

~~3012~~

~~3014~~

~~3024~~

~~3054~~

~~3074~~

~~3112~~

~~3155~~

~~3158~~

~~3185~~

3197

~~3201~~

~~3203~~

3297

3387

3341

N
3452
3475
3483
3571

2322
2498
2575
2583
3057
3141

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

north end

4334 /
4082 mid n

x444 - 1
xx45 - 1

Change 4500 ones
Around are labeled 4400

none
7200
7100
7000
6900
6800
6700
6600
6500
6400
6300
6200
6100
6000
5900
5800
5700
5600
5500
5400
5300
5200
5100
5000
4900
4800
4700
4600
4500
4400

E

3100	4300
3000	4200
2900	4100
2800	4000
2700	3900
2600	3800
2500	3700
2400	3600
2300	3500
2200	3400
2100	3300
2000 →	← 3200

3601-99 compl.
3701-99 go over 3775-99 again
3801-99 completed Completed 11/2/50 LO/K

3901-99 a few lots to check completed 11/2/50
4001-99 " completed 11/2/50
4101-99 completed

4201-99 "
4301-99 completed
4401-99 "

4501-99 "
4601-99 "
4701-99 "

4801-99 "
4901-99 "
5001-99 "

5101-99 "

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.

Date.....4-27-'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

3601-92 are all too tall
+ have C. O. badly

3601	B4512A1-66-2-1	Hill Sel. X BBT	4315 X
3602	B4512A1-72-1-1		4318 X
3603	-2		✓ ✓
3604	-3		✓ ✓
3605	-4		✓ ✓
3606	B4512A1-76-1-1		4319 X
3607	-2		✓ ✓
3608	-3		✓ ✓

4321 X	B4512A1-76-2-1		Hill Sel. XBBT	3609
✓ ✓		-2		3610
✓ ✓		-3		3611
322 X	B4512A1-79-1-1			3612
✓ ✓		-2		3613
323 X	B4512A1-79-2-1			3614
✓ ✓		-2		3615
✓ ✓		-3		3616

3617	B4512A1-79-2-4	Hill Sel. X BBT	4323 X
3618	-5		✓ ✓
3619	B4512A1-80-1-1 BBT mat or earlier		4324 X
3620			136
3621	B412A1-80-1-2	Hill Sel X BBT	✓ ✓
3622	-3		✓ ✓
3623	-4		✓ ✓
3624	B4512A1-82-1-1		4325 X

	B4612A1-82-1-2	Hill Sel XBBT	3625
	-3		3626
	-4		3627
	-5		3628
	B4512A1-84-1-1		3629
	-2		3630
	-3		3631
	-4		3632

3633	B4512A1-89-1-1	Hill Sel. x BBT	4329 X
3634	-2		↙ ↙
3635	-3		↙ ↙
3636	-4		↙ ↙
3637	B4512A1-91-1-1		4330 X
3638	-2		↙ ↙
3639	-3		↙ ↙
3640			138

✓ ✓	B4512A1-91-1-4	Hill Sel. x BBT	3641
✓ ✓	-5		3642
+331 X	B4512A1-93-1-1		3643
✓ ✓	-2		3644
✓ ✓	-3		3645
✓ ✓	-4		3646
<365	B4512A1-156-18-1		3647
✓ ✓	-2		3648

3649	B4512A1-156-18-3	Hill Sol. X BBT	4365 X
3650	-4		✓ ✓
3651	B4512A1-100-2-1		4369 X
3652	-2		✓ ✓
3653	B4512A1-101-1-1		4371 X
3654	-2		✓ ✓
3655	-3		✓ ✓
3656			58

✓	B4612A1-101-1-4	Hill Sel. X BBT	3657
✓	-5		3658
✓	-6		3659
129			3660
✓	B4612A1-101-1-7	Hill Sel. X BBT	3661
✓	-8		3662
✓	-9		3663
✓	-10		3664

3665				58
3666	B4512A1-101-1-11		Hill Sol. XBBT	✓
3667	-12			✓
3668	-13			✓
3669	-14			✓
3670	-15			✓
3671	-16			✓
3672	-17			✓

✓	B4512A1-101-1-18	Hill Sel. XBBT	3673
✓	-19		3674
372 X	B4612A1-101-2-1		3675
✓ ✓	-2		3676
✓ ✓	-3		3677
373 X	B4612A1-101-3-1		3678
✓ ✓	-2		3679
78			3680

3681	B4512 A1-101-3-3	Hill Sel. x BBT	4373
3682	B4512 A1-103-2-1		4375 X
3683	-2		✓ ✓
3684	-3		✓ ✓
3685	B4512 A1-103-3-1		4376 X
3686	-2		✓ ✓
3687	-3		✓ ✓
3688	-4		✓ ✓

✓ ✓	B4512A1-103-3-5	Hill Sel. XBBT	3689
✓ ✓	-6		3690
4378	B4512A1-105-1-1		3691
✓	-2		3692
✓	-3		3693
4379	B4512A1-105-2-1		3694
✓	-2		3695
4381	B4512A1-106-1-1		3696

3697	B4512A1-106-1-2	Hill Sel. X BBT	4381
3698	3 BBT mat, much shatter straw, straw-buck v. good grain type		✓
3699	B4512A1-113-3-1		4387
3700			75
3701	B4512A1-113-3-2	Hill Sel. X BBT	✓
3702	B4512A1-115-1-1		4389
3703	-2		✓
3704	B4511A1-1-1-1	Hill Sel. X TPXR-SBR	3737

✓	B4511A1-1-1-2	H.11 Sel. X TPXR-SBR	3705
✓	-3		3706
3738	B4511A1-1-2-1		3707
✓	-2		3708
3739	B4511A1-1-3-1		3709
✓	-2		3710
3741	B4511A1-1-4-1		3711
—	-2		3712

3713	B4511A1-1-4-3	Hill Sel. x TPXR-SBR	3741
3714	B4511A1-1-5-1		3742
3715	-2		✓
3716	-3		✓
3717	-4	medium v. good	✓
3718	B4511A1-7-1-1		3746
3719	-2		✓
3720			9

3747	B4511A1-9-1-1	Hill Sel. XTPxR-SBR	3721
✓	-2		3722
3749	B4511A1-10-1-1		3723
✓	-2		3724
3750	B4511A1-16-1-1		3725
✓	-2		3726
3751	B4511A1-16-2-1		3727
✓	-2		3728

3729	B4511A1-18-2-1	Hill Sel x TPxR-SBR	3753
3730	-2		✓
3731	-3	Early type, very green straw, sturdy, better straw than Century, may therefore be	✓
3732	B4511A1-20-1-1		3754
3733	-2		✓
3734	-3		✓
3735	B4511A1-25-1-1		3757
3736	-2		✓

✓	B45IIA1-25-1-3	Hill Sel. XTPxR-5BR	3737
3759	B45IIA1-30-1-1		3738
✓	-2		3739
69			3740
✓	B45IIA1-30-1-3		3741
759 later			3742
✓			3743
3762	B45IIA1-32-1-1		3744

3745	B4511A1-32-1-2	Hills el. XTPXR-SBR	3762
3746	B-4611A1-32-2-1		3763
3747	-2		✓
3748	-3		✓
3749	B4511A1-36-1-1		3764
3750	-2		✓
3751	-3		✓
3752	B4511A1-37-1-1		37 6

B4511A1-37-1-2 Hill Sel. X TPXR-SBR ✓ 3753

B4511A1-38-1-1 3768 3754

-2 ✓ 3755

Watch

Early to midseason

Short V. sturdy straw, short grain thru Aug

B4511A1-39-3-1 3771 3756

-2 ✓ 3757

B4511A1-39-4-1 3772 3758

-2 ✓ 3759

68 3760

3761	B4511A1-45-2-1	Hill Sel. X(TPXR-SBR)	3777
3762	-2		✓
3763	B4511A1-43-1-1		3775
3764	-2		✓
3765	B4511A1-47-1-1		3771
3766	-2		✓
3767	-3		✓
3768	B4511A1-50-1-1		3782

B451IA1-50-1-2 Hill Sel. X (TPXR-SBR)

3769

B451IA1-50-2-1

3783 Slightly shrunk to date on a long st. var. Has upright flag & Rx much shinty straw that cut, Early maturity.

3770

-2

3771

-3

3772

B451IA1-51-2-1

3786

3773

-2

3774

B451IA1-54-1-1

3790

3775

-2

3776

3777	B4511A1-54-1-3	Hill Sel. x (TPXR-SBR)	3790
3778	B4511A1-57-1-1		3794
3779	-2		✓
3780			136
3781	B4511A1-57-1-3	Hill Sel. x (TPXR-SBR)	✓
3782	-4		✓
3783	B4511A1-62-1-1	a V. good short stature T. P. type	3803
3784	-2		✓

✓	B4511A1-62-1-3	Hill Sel. x (TPXR-SBR)	3785
✓	-4		3786
3805	B4511A1-64-1-1		3787
✓	-2		3788
3810	B4511A1-68-1-1		3789
✓	-2		3790
✓	-3		3791
3812.	B4511A1-70-1-1		3792

3793	B45-11A1-70-1-2	Hill Sel (X(TPXR-SBR)	3812.
3794	-3		✓
3795	B45-11A1-70-3-1		3814
3796	-2		✓
3797	-3 1 v good TP type fairly short straw		✓
3798	B45-11A1-72-2-1		3819
3799	-2		✓
3800			138

B4511A1-72-2-3 Hill Sel x (TPXR # - SBR) 3801
Early long sl. gr. type

B4511A1-72-3-1 3802
(3821) midseason R.V. grain type, grain good
all three much alike, 3 to 4 bu.

-2 3803

-3 3804

B4511A1-75-1-1 3805
825 All 3 alike are extremely early to head, and flop, leaves (1 Row) grain stem) V. slender stem) Purple & white Waxy BBR Excellent R.V. grain type

-2 3806

-3 3807

B4511A1-81-1-1 3808
830

3809	B45111A1-81-1-2	Hill Sel. x (TPxR-SBR)	3830
3810	-3		✓
3811	B45111A1-82-1-1	8/14	3833
		bad for CO	
3812	-2	8/16	✓
3813	B45111A1-83-1-1		3834
3814	-2		✓
3815	B45111A1-84-1-1		3836
3816	-2		✓

3840	B4511A1-86-1-1	Hill Sel x (TPXR-SBR)	3817
✓	-2		3818
3844	B4511A1-87-1-1		3819
129			3820
✓	B4511A1-87-1-2	Hill Sel x (TPXR-SBR)	3821
✓	-3		3822
✓	-4		3823
	mid season to late, prob RN, mat or late, V long short straw, good patho gr. lyto		HW
3845	B4511A1-87-2-1		3824

B4511A1-87-2-2 Hill Sel. XTPxR-5BR

3825 1hr — stems as 3823 — 3845

B4511A1-90-1-1

3826 — 3848

-2

3827 — ✓

-3

3828 — ✓

B4511A1-90-2-1

3829 — 3849

-2

3830 — ✓

B4511A1-91-1-1

3831 — 3853

-2

3832 — ✓

2hr — v. short straw, upright flag ♀ Rexor. VProming, RN mut. unlike other 4511A1-91 lines, later + shorter straw

✓	B4611A1-91-1-3	Hill Sel. X TPAR-SBR	3833
3854	B4611A1-91-2-1		3834
✓	-2		3835
✓	-3		3836
856	B4611A1-92-1-1		3837
✓	-2		3838
857	B4611A1-93-1-1		3839
78			3840

3841	B4511A1-92-1-2	Hill Sel. X (TPXR-SBR)	3859
3842	-3		✓
3843	B4514A1-22-1-1	Hill Sel x (TPx R-7689)	4011
3844	-2		✓
3845	-3		✓
3846	B4514A1-22-2-1		4012
3847	-2		✓
3848	-3		✓

4014	B4514A1-26-1-1	Hill Sel. X (TPXR-7689)	3849
✓		-2	3850
✓		-3 8/17	3851
4015	B4514A1-26-2-1		3852
✓		-2	3853
016	B4514A1-26-3-1		3854
✓		-2	3855
018	B4514A1-31-2-1		3858

3857	B4514A1-31-2-2	Hill Sel X (TPXR-7689)	✓
3858	B4514A1-31-3-1		4019
3859	-2		✓
3860			75
3861	B4514A1-31-3-3	Hill Sel X (TPXR-7689)	✓
3862	B4514A1-32-1-1		4021
3863	-2		✓
3864	B4514A1-38-1-1		4023

✓	B4514A1-38-1-2	Hill Sel X (TPXR-7689)	3865
021	B4614A1-32-1-1		3866
✓	-2		3867
✓	-3		3868
027	B4514A1-42-2-1		3869
✓	-2		3870
✓	-3		3871
028	B4514A1-45-1-1		3872

3873	B4514A1-46-1-1	Hill Sel X (TPXR-7689)	4030
3874	-2		〃
3875	B4514A1-47-1-1		4031
3876	-2		〃
3877	-3		〃
3878	B4514A1-49-3-1 mutation, straw, Rex grain.	RN let, grain	4036
3879	-2		〃
3880		8/12 Dump	9

	B4514A1-49-3-3	Hill Sel x (TP x R-7689)	3881
1037	B4514A1-50-1-1		3882
	-2		3883
	-3		3884
	-4		3885
179	B4515A1-2-2-1	Hill Sel x R-N 8975	3886
	-2		3887
	-3		3888

3889	B4515A1-6-1-1	Hill Sel x R-N 8975 VE Sy		5182
3890	-2			✓
3891	-3			✓
3892	B4515A1-10-2-1			5186
3893	-2			✓
3894				✓
3895	B4515A1-13-1-1			5189
3896	-2	Y, E(8)Sy		✓

✓	B4515A1-13-1-3	Hill Sel x	R-N 8975	3897
190	B4515A1-14-1-1	VESey		3898
✓	-2	VESey		3899
69				3900
191	B4515A1-14-2-1			3901
✓	-2			3902
193	B4515A1-15-2-1			3903
✓	-2			3904

3905	B4515A1-15-2-3	Hill Sel. X	R.N. 8975	✓
3906	B4515A1-16-1-1	Shorter than the R.N. Palm g. + R.N. mature, V. good upright Rex leaf.		5195
3907	-2			✓
3908	-3			✓
3909	-4			✓
3910	B4515A1-16-2-1			5196
3911	-2	8/12		✓
3912	-3			✓

197	B4515A1-16-3-1	Hill Sel. X R.N 8915	3913
⌐	-2	VE Leg	3914
198	B4515A1-20-1-1		3915
⌐	-2		3916
⌐	-3		3917
⌐	-4		3918
199	B4515A1-21-1-1	P/1 Leg	3919
68			3920

1st Hd Inv'd

3921	B4515A1-21-1-2		Hill Sel X	R.N. 8975	6199
3922	-3				✓
3923	-4				✓
3924	B4515A1-21-2-1				5201
3925	-2	7/28 possibly a few	8/12 later days.		✓
3926	-3				✓
3927	-4				✓
3928	-5				✓

3 Esels 8/18

✓	B4515A1-21-2-6	Hill Sel. X	RN. 8975	3929
5202	B4515A1-24-1-1			3930
✓	-2			3931
5203	B4515A1-25-1-1			3932
✓	-2			3933
5208	B4515A1-30-4-1			3934
✓	-2			3935
5210	B4515A1-32-1-1			3936

3937	B4515 A1-32-1-2	Hill Sol. X	R.N. 8976	5210
	C.O, resistant			
3938	-3			✓
3939	-4			✓
3940				136
3941	B4515 A1-32-2-1	Hill Sol. X	R.N. 8976	5211
3942	-2			✓
3943	B4515 A1-35-1-1			52.14
3944	-2			✓

5215	B4515A1-35-2-1	Hill Sel. X	R.N. 8975	3945
✓	-2			3946
5218	B4515A1-43-2-1			3947
✓	-2 VE Seg Stripe 8/27			3948
5221	B4515A1-44-2-1	Hill Sel. X	R.N 8979	3949
✓	-2			3950
5224	B4515A1-51-1-1			3951
✓	-2			3952

3953	B4515A1-62-1-1	Hill Sel. 1	R.N 8979	5226
3954	-2			✓
3955	B4515A1-56-2-1			5228
3956	-2			✓
3957	-3			✓
3958	B4515A1-58-2-1	8/17		5230
3959	-2			✓
3960				138

✓	B4515A1-58-2-3	Hill Sel. X	R.N 8979	3961
5234	B4515A1-64-2-1			3962
✓	-2			3963
✓	-3			3964
5239	B4615A1-66-3-1	Hill Sel. X	R.N 8975	3965
✓	-2			3966
✓	-3			3967
242	B4515A1-67-1-1			3968

8/16

8/18

(Argument between Lawrence Kaukia & Lawrence Longworth)

3969	B4515A1-67-1-2	Hill Sol. X	P.N 8976	✓
3970	-3			✓
3971	B4515A1-68-2-1			5245
3972	-2			✓
3973	-3			✓
3974	B4515A1-70-4-1			5250
3975	-2			✓
3976	-3			✓

5253	B4515-73-3-1	Hill Sol. X R.N 8975	3977
✓	-2		3978
5257	B4515A1-75-2-1		3979
129			3980
✓	B4515A1-75-2-2	Hill Sol. X R.N 8975	3981
✓	-3		3982
5258	B4515A1-78-1-1 8/19		3983
✓	-2		3984

3985	B4515A1-84-2-1	Hill Sel. X	R.N 8976	5263
3986	-2			✓
3987	B4515A1-84-3-1			5264
3988	-2			✓
3989	B4515A1-84-4-1			5265
3990	-2			✓
3991	Hyb Mut-8-49-1			535
3992		✓		✓

	-3	3993
	-4	3994
	-5	3995
	-6	3996
	-7	3997
	-8	3998
	-9	3999
78	-10	4000

4001	Hyb Mix 8-49-10,	✓
4002	Hyb. Mix-8-47-1-1-1, TP and RXR-SBR	3442-43
4003	-2	✓
4004	Hyb. Mix-8-47-4-1-1	3445 late
4005	-2	✓ ✓
4006	Hyb. Mix 8-47-5-1-1	3448
4007	-2	✓
4008	-3	✓

✓	Hyb. Mix 8-47-5-1-4	TP + RXR - SBR	4009
	midseason to late mat. bodyedness badly		Hr
3449	Hyb Mix 8-47-5-3-1		4010
✓		-2	4011
✓		-3	4012
✓		-4	4013
✓		-5	4014
3452	Hyb. Mix-8-47-8-3-1		4015
✓		-2	4016

4017	Hyb. Mix. 8-47-8-3-3	TP + RXR-SBR	✓
4018	Hyb. Mix 8-47-12-1-1		3454
	-2		
4019			✓
4020			75 ✓
4021	Hyb. Mix 8-47-12-1-3	TP + RXR-SBR	✓
4022	Hyb Mix 8-47-21-1-1		3455
	-2		
4023	Looks very good as far as type T.P. type. Grain like T. P. Check mat. Prob. at least as early as T.P. adv		✓
	-3		
4024			✓

Hyb. Mix 8-47-21-1-4 TP + RXR - SBR

like 4023 v. good

4025

-5

4026

4027

Hyb. Mix -8-47-24-1-1

4028

-2

4029

-3

4030

Hyb. Mix. -8-47-28-1-1

4031

-2

4032

4033	Hyb. Mix 8-47-28-1-3 TP + RXR-5BR				✓
4034	Hyb Mix 8-47-30-1-1				3459
4035		-2			✓
4036		-3			✓
4037	Hyb Mix 8-47-30-2-1				3461
4038		-2			✓
4039		-3			✓
4040		8/13	8/19		9

	Hyb. Mix 8-47-30-2-4 TP+RxR-SBR	4041
3463	Hyb. Mix 8-47-33-2-1	4042
	-2	4043
3468	Hyb Mix 847-37-2-1	4044
	-2	4045
	-3	4046
3470	Hyb Mix 8-47-38-2-1	4047
	-2	4048

4049	Hyb. Mix 8-47-38-2-3 TP + RxR-SBR	✓
4050	Hyb. Mix 8-47-44-3-1	3476
4051	-2	✓
4052	-3	✓
4053	-4	✓
4054	Hyb Mix. 8-47-45-1-1	3478
4055	-2	✓
4056	Hyb Mix. 8-47-47-2-1	3482

	Hyb. Mix 8-47-47-2-2	TP+RXR-SBR	4057
	-3		4058
490	B4031A-1-1	Rogue TPXR-SBR 8/12 (only 2 plants in row)	4059
69			4060
	B4031A-1-7	Rogue TPXR-SBR 8/10	4061
	-8	8/2 Seg	4062
	-11	8/7 Seg	4063
	-15		4064

B4031A-3-1 Rogue TPXR-SBR

4065	all in this family are very tall magentaish leaves V good 8/18			3492
4066	-2			✓
4067	-8			✓
4068	-11			✓
4069	-5	8/19		✓
4070	-4			✓
4071	B4031A-4-1	8/8 Lin 8/20		3493
4072	-7	8/6 Lin 8/16		✓

✓	B4031A-4-8	Rogue TPXR-SBR	8/8 8/14	4073
✓	-4		8/13	4074
494 Natl cross	B4031A-5-1		8/6 Day	4075
Plant 705	-2		8/10	4076
494	-3		8/10	4077
—	-4			4078
—	-6			4079
.8				4080

4081	B4031A-5-6	Rogue TPxR* SBR 3/6 Dry	3494
4082	-7	7/30 Dry	✓
4083	-8	8/6 Dry	✓
4084	-9	8/6 Dry	✓
4085	B4031A-7-1	8/	3496
4086	-2		✓
4087	-3	8/15	✓
4088	-4	8/14	✓

498-99	B4031A-1-1-1-2-1-6-1-1 8/15	Rogue T-PXR-SBR	4089
	-2 8/15		4090
	-3 8/13		4091
	-4		4092
	-5		4093
	-6		4094
	-7 8/18		4095
	-8 8/15		4096

4097	B4031A1-1-1-2-1-6-1-9		Rogue TPXR-SBR	L
		8/12		
4098		-10		L
4099		-11		L
		8/12		
4100				136
4101	B4031A1-1-1-2-1-6-1-12		Rogue TPXR-SBR	L
4102		-13		L
4103		-14		3499
		8/14		
4104		-15		L

B4031A1-1-1-2-1-6-1-16	8/14		4105
	8/15	-17	4106
	8/15	-18	4107
	8/17	-19	4108
		-20	4109
	8/19	-21	4110
		-22	4111
	8/15	-23	4112

4113	B4031A1-1-1-2-1-6-1-24	Rogue TPXR-SBR	✓
4114	B4031A1-1-1-2-1-6-3-1		3501
4115	-2		✓
4116	-3 8/15		✓
4117	-4 8/16		✓
4118	B4031A1-1-1-2-1-6-4-1 8/10		3502
4119	-2 8/10		✓
4120			38

✓	B403	A1-1-1-2-1-6-4-3 Rogue TPXR-SBR	8/9	4121
✓		-4	8/14	4122
✓		-5	8/10	4123
✓		-6	8/14	4124
✓		-7	8/16	4125
✓		-8		4126
503	B403	A1-1-1-2-1-6-5-1	8/10	4127
✓		-2	8/14	4128

4129	B403 ϕ A1-1-1-2-1-6-5-8	8/19	Rogue TPXR-SBR	✓
4130		-4 8/11		✓
4131	B403 ϕ A1-1-1-2-1-6-6-1	8/20		3504
4132		-2 8/11		✓
4133		-3		✓
4134		-4 8/16		✓
4135		-5		✓
4136		-6		✓

B4038A1-1-1-2-1-6-6-7 Rogue TPXR-SBR 4137

-8 8/11 4138

a Jap type strain, selections were saved for D.M.J. as long st. gr. type for Calif

B4031A1-1-1-2-1-9-2-1 TPXR-SBR Inc. 8/14 4139

3506

129 4140

B4081A1-1-1-2-1-9-2-2 TPXR-SBR Inc. 8/13 VMm 4141

-3 8/14 4142

-4 4143

B4031A1-3-3-47-7-5-1 TPXR-SBR 4144

3523

4145	B4031A1-3-3-47-7-5-2	TP+R-SBR	⌐
4146	-3		⌐
4147	B4031A1-3-3-47-10-2-1		3541
4148	-2		⌐
4149	-3		⌐
4150	B4031A1-1-4-5 Sel 47-1-1-1		3543
4151	B4031A1-1-4-5 Sel 47-1-1-2		⌐
4152	-3		⌐

⌐	B4031A1-1-4-5 Sel 47-1-1-4 TP4R-SBR		4153
⌐		-5	4154
⌐		-6	4155
⌐		-7	4156
⌐		-8	4157
544	B4031A1-1-4-5 Sel. 47-1-2-1		4158
⌐		-2	4159
18			4160

4161	B4031A1-1-4-5 Sel. 47-1-2-3		TP↓R-5BR		L
4162		-4			L
4163		-5			L
4164		-6			L
4165		-7			L
4166		-8			L
	Much like BBt except C.O. reserd. and a more clinoclase grain - check north plot of Broom in gold mine 1950				
4167		-9			L
4168		-10			L

B4031A1-1-4-5 Sel 47-1-2-11 TP4R-SBR 4169

-12 4170

3545 B4031A1-1-4-6 Sel 47-1-3-1 4171

-2 4172
medium gold bulled type
longer grain & finer grain than
Patha.

-3 4173

-4 4174

3546 B4031A1-1-4-5 Sel 47-1-4-1 4175

-2 4176

4177	B4031A1-1-4-5 Sel. 47-1-4-3	TP+R-SBR	L
	Like 4172 no taller than Rank very uniform ht		
4178	-4		L
4179	-5		L
4180			75
4181	B4031A1-1-4-5 Sel 47-1-4-6	TP+R-SBR	L
4182	B4031A1-1-4-5 Sel 47-1-6-1		3548
4183	-2		L
4184	-3		L

✓	B4031A1-1-4-5 Sel 47-1-6-4	TP+R-SBR	4185
✓	-5		4186
3549	B4031A1-1-4-5 Sel 47-1-7-1		4187
✓	-2		4188
✓	-3		4189
550	B4031A1-1-4-5 Sel 47-1-8-1		4190
✓	-2		4191
✓	-3		4192

4193	B4031A1-1-4-5-Sel. 47-1-9-1	TP↓ R-5BR	3551
4194	-2		〃
4195	-3		〃
4196	-4		〃
4197	B4031A1-1-4-5-Sel 47-1-10-1		3552
4198	-2		〃
4199	-3		〃
4200			? 1294

B4031A1-1-4-5-Sel47-1-10-4 TP+R-SBR 4201

B4031-A1-1-4-5 Sel 47-1-11-1 TP+R-SBR 4202
1553

-2 4203

-3 4204

-4 4205

-5 4206

-6 4207

-7 4208

4209	B4031A1-1-4-5 Sol. 47-8-1-1		TP1R-5BR	3554
4210		-2		⌐
4211	B4031A1-1-4-5 Sel. 47-8-2-1			3555
4212		-2		⌐
4213		-3		⌐
4214		-4		⌐
4215	B4031A1-1-4-5 Sel. 47-9-1-1			3556
4216		-2		⌐

B4031A1-1-4-5 Sol 47-9-1-3 TP+R-SBR 4217

-4 4218

-5 4219

69 4220

B4031A1-1-4-5 Sol 47-9-2-1 TP+R-SBR
567 4221

-2 4222

-3 4223

B4031A1-1-4-5 Sel 47-11-1-1
558 4224

4225	B4031A1-1-4-5 sel 47-11-1-2		TP+R-SBR		✓
4226	B4031A1-1-4-5 sel 47-12-1-1			3559	
4227		-2			✓
4228		-3			✓
4229		-4			✓
4230	B4031A1-1-4-5 sel 47-12-2-1			3561	
4231		2			✓
4232		3			✓

a very long grass

Watch Sel 47-13 lines, look suspicious negatively (H2/13 8/18)

B4031A1-1-4-5 Sel 47-12-2-4 TP 1R-SBR 4233

B4031A1-1-4-5 Sel 47-12-3-1 8/18 4234

-2 4235

-3 4236

B4081A1-1-4-5 Sel 47-13-1-1 4237

-2 4238

-3 4239

4240

4241	B4031A1-1-4-5 Sel 47-13-1-4		TP-R-SBR	✓
4242		-5		✓
4243	B4031A1-1-4-5 Sel 47-13-2-1			3564
4244		-2		✓
4245	B4031A1-1-4-5 Sel 47-13-3-1			3565
4246		-2		✓
4247		-3		✓
4248		-4		✓

3666	B4031A1-8-3 Sel 47-1-1-1	TP+R-5BR	4249
✓	-2		4250
✓	-3		4251
567	B4031A1-8-3 Sel 47-15-1-1		4252
✓	-2		4253
✓	-3		4254
✓	-4		4255
568	B4031A1-8-3 Sel 47-15-2-1		4256

(Sel 47-15-2 resemble 47-13 lines negatively)

4257	B4031A1-8-3 Sel 47-15-2-2	TP1R-SBR	✓
4258	-3		✓
4259	-4		✓
4260			136
4261	B4031A1-8-3 Sel 47-15-2-5 Save this line for yield testing.	TP1R-SBR	✓
4262	B4031A1-8-3 Sel. 47-15-3-1		3569
4263	-2		✓
4264	-3		✓

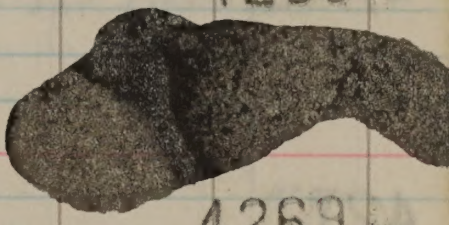
B4030A1-8-3Sel.47-15-3-2 TP4R-5BR 4265

B4030A1-8-3Sel.47-15-4-1 4266

570

-2 4267

-3 4268



B4030A1-8-3Sel.47-15-6-1 4269

572

-2 4270

B4031A1-1-11Sel. 47-22-1-1 4271

574

-2 4272

4273	B40314I-1-11 Sel. 47-22-1-2 TP+R-SBR			✓
4274			Early Patna Prob. Century	3584
4275		8/12	8/15	✓
4276				3586
4277				✓
4278			Century Rogues Sig. ?8/20	C 3588-3589
4279				✓
4280				138

✓			4281
✓		8/4 Seg	4282
✓			4283
790		Century from Inc. Plot 8/13	4284
✓			4285
✓		8/10	4286
791			4287
792	HR48-1	Century from head Rows 8/17	4288

4289	HR 48-2	8/14	Century from Head Row	✓
4290	-3	8/14		3594
4291	-4	8/14		✓
4292	-5 asbotu-gr. type	8/15		3595
4293	-6 asbotu-grain type	8/12		✓
4294	-7	8/20		✓
4295	-8	8/10		✓
4296	-9	8/13		✓

3597 — 10 8/13 Century from Head Rows 4297

— 11 8/14 4298

598 — 12 8/13 4299

129 — 13 8/13 4300

Century from Head Rows 4301

— 13 8/14 Wis 8/20

896 — 14 7/25 Seg 4302

— 15 8/16 4303

greener straw than others on 10/6

— 16 8/17 4304

4305	-17	8/8 Seq	No Number
4306		8/12 Seq	Nolte 1 TPxR-SBR 3897
4307		8/14	-2
4308		8/10	-3
4309		8/12	-4 3898
4310		8/13	-5
4311		8/17	-6
4312		V. Und 8/18	-7 3899

	Nolte -8 TPAR-SBR uni 8/20		4313
	8/14	-9	4314
	uni 8/16 (2 plants)	-10	4315
	uni 8/18	-11	4316
901	dg 8/17	-12	4317
	dg? 8/17	-13	4318
	uni 8/10	-14	4319

Has except short straw, sep for hull color, all smooth, med gr. type, Ready good to send to Calif.

78 4320

4321	sl taller than Cent, heavier straw, v. good grain may be taller than Cent,	Cent, 8/15	Nolte -15 TPAR-SBR 3902	
4322		8/14	-16	
4323		8/14	-17	
4324		8/12	8/21	Possibly Century Rogue Possibly CENTURY. Rogue
4325	A very early med-g. type, sl taller than Cent, Sm. Heavy straw grains thicker than Cent. V. good	8/6	8/16	
4326		8/8	9/20	
4327	One very small, rough head with awns, Also straw is quite	8/10	9/19	
4328		8/6 Imp	9/20	Century Nolte

✓	8/10 Sag		4329
✓	8/10	8/20	4330
✓	8/1 Sag	8/20	4331
✓	8/4 Sag	8/20	4332
✓	8/12	8/20	4333 Hh

Has a long, extremely slender grain a uniform, v good row of Cent Mat, Scarce acct very slender grain

✓	7/25 Sag		4334

Has BBB mat Stems present, and slender-grain types Water 1 hel on 8/18

✓	V. Uni 8/19		4335
—	Uni 8/19		4336

a very good row of Cent Typo with mostly stem hulls, Scarce only Stems, may be Scarlet Hem / Kentucky

4337		8/19	8/19 very uniform heading ✓ erect panicle at heading	✓
	a very hif. good looking Cent now			
4338				✓
4339			Century Notte	
4340		8/19		75
4341	2 a true Sethi type Said Sweal panicles. a few normals		Century Sothi	
4342	same as 434			✓
4343	no plants		Century Freak	
4344	no plants			✓

Century Rogues		8/13½ V. good–low	8/18	4345
A very uniform row of Century with very short shoulder				
〃				4346
〃	a med. q. type, stem + gold,	8/7 aeg, some	8/17 rough, sm. good	4347 2 types
〃		8/10 Leg		4348
〃		8/8 Leg		4349
〃		8/11 Leg		4350
Century Nolte		8/9 Leg		4351
〃		8/14		4352

4353		8/13			✓
4354		8/14			✓
4355		8/12			✓
4356	Nearly a new hvy host	8/4 dg?	8/18		2
4357		8/10	8/21		✓
4358	green strain prob. later.	8/17	Cent. Cent.	Century Nolte	
4359		8/18			✓
4360		8/18	8/20		9

L		8/8		4361
L		8/5	8/17	4362
L		8/5 Sept		4363
L		8/13 Mich		4364
L		8/13		4365
L		8/11 Mich		4366
L				4367
L		8/4		4368

4369		8/18			✓
4370	Armed - g smooth type, looks very good,	8/4			✓
4371		8/6	8/18		✓
4372		8/6	Seg	Century / Volte	
4373	a very good Century Type	8/10			✓
4374		8/6			✓
4375		8/10			✓
4376		8/10			✓

L		8/14	4377
L		8/15	4378
Century Nolte		8/16	4379
69			4380
L		8/7	4381
L		8/17	4382
L		8/10	4383
L		8/17	4384

4385		8/13			L
4386		8/4			L
4387		8/12			L
4388		8/8			L
4389		8/12			L
4390		8/4			L
4391					L
4392		8/12	Century Sels	Winter-man	

Century Plant Sel Century 234	8/12	4393
〃	8/13	4394
〃	8/13	4395
Century 52 Rough Stem Volta		4396
〃	8/17	4397
〃	8/16	4398
〃	8/18	4399
68		4400

4401	fuller, shorter gr. than av. w. long stems, some variation for height	8/20	Century 234 Sel	fuller than average
4402		8/21	Century 231 Sel	
4403	Possibly a Z-cross hybrid by long & med gr, rough bur, gold J stem,	8/16	Century 231 Panicle Sels Rogue	
4404	all gold med gr type, Smooth	8/22		✓
4405		8/16		✓
4406		8/12	Rogue from Cent. 234	
4407		8/14		✓
4408		8/17	Cent. Rogue Nolte	

L			8/14			4409
L			8/18			4410
L						4411
L			8/22			4412
L			8/14			4413
Cent.	Rogue		8/17			4414
L			8/18			4415
L			8/18			4416

4417				L
4418	8/17		Cent. Nolte	
4419	8/16	8/23		L
4420				136
4421	8/14	8/20		L
	Extremely tall type, appears to be breaking town for the Chron. (long pedicels)			
4422	8/15	8/22		L
	(V. uniform, short type) like Cantua			
4423	8/14	8/21		L
4424	8/21			L

L			8/14	8/22	4425
L			8/18		4426
	Very green stream when over ripe				
L			-V uni 8/22		4427
L					4428
L			8/14		4429
L			uni 8/22		4430
L			V uni 8/23		4431
L			V uni 8/24		4432

4433	8/21	L
4434	Vhm 8/22	L
4435	8/18 - later than 4437 + 36, taller	L
4436	V hm 8/23	L
4437	8/23 1 plant in row	L
4438	hm 8/22	L
4439	8/19	L
4440		B8

⌐		8/17		4441
	V. good BKd Type			
Rogue	Mc	8/21		4442
⌐				4443
⌐		8/1 Sey		4444
⌐		8/1 Sey		4445
601	B4031A1-3-3-1-1	8/18		4446
⌐		-2 8/19		4447
⌐		-3 8/19		4448

4449	B4031A1-3-3-1-4		8/18	L
4450	B4031A1-3-3-4-1			3604 late
4451	B4031A1-1-3-3-1			3606
4452	-2		8/23	L
4453	-3 a full grain type, long gr. & sturdy straw			3608
4454	-4 much like 4453 but short straw			L
4455	-5		8/23	L
4456	-6			L

L	B4031A1-1-3-3-7		4457
L	-8		4458
L	-9 8/17		4459
129			4460
612	B4031A1-1-3-3-10		4461
L	-11		4462
L	-12		4463
615	B4031A1-20-2.5-1-1	TPIR-SBR	4464

4465	B4031A1-20-2-5-1-2		TP+R-SBR	✓
4466		-3		✓
4467		-4		✓
4468	B4031A1-20-2-5-2-1			3616
4469		-2		✓
4470		-3		✓
4471	B4031A1-1-10-1-1			3619
4472		-2		✓

Mideeson to late maturity Letterthin
mig last pub. enter the T.P.
outstanding as a Cent type T.P. maturity

PS/

3621	B4031A1-1-10-2-1	TPIR-SBD	4473
	-2		4474
3622	B4031A1-1-10-3-1		4475
	-2		4476
	-3		4477
1623	B4031A1-1-10-4-1		4478
	-2		4479
78			4480

all A1-10 lines have tungsten vias, nearly all have gamma, nearly all have very weak Y2

at least no talbutter A1-10 lines yet tested, no beta staining

4481	B4031A1-1-10-4-3		TP+R-SBR	✓
4482	B4031A1-1-10-5-1			3624
4483	-2			✓
4484	B4031A1-1-10-6-1			3625
4485	-2			✓
4486	B4031A1-1-5-1-1	8/21		3627
4487	-2	8/20		✓
4488	-3			✓

B4031A1-1-5-2-1 TP/R-SBR
3628 4489

-2
↳ V. short straw, erect flag leaves, late mat (TP or earlier) V. good Patna type 4490 HW

-3
↳ 4491

-4
↳ 4492

B4081A1-1-5-3-1
3629 4493

-2
↳ 4494

-3
↳ 4495

-4
↳ 4496

4497	B4031A1-1-1-2-1-1	TP+R-SBR	3633
4498	-2		36 L
4499	-3		L
4500	Tubbs suggested such selection already, 8/22		75
4501	B4031A1-1-1-2-2-1	TP+R-SBR	3634
	a very good mid season type		
4502	-2		L
4503	B3412 B41-1-1-1	C_3 XR	3638
4504	-2		L

3639	B3412 B41-1-2-1	Ca X R	4505
	Is like original, uniform v. green shade cross with Century		
	-2		4506
	-1		
3641 and 3642	B4033A4-38-1-1 8/19	None	4507
	-2 8/17		4508
	-3 8/17		4509
3656	B44-2402-37-2-1-1	Sm BR	4510
	-2		4511
3657	B44-2402-37-2-2-1		4512

4513	B44-2402-37-2-2-2	Sm BR	✓
4514	B44-2402-37-3-1-1		3658
4515	-2		✓
4516	B44-2402-3-1-1		3659
4517	-2		✓
4518	-3		✓
4519	-4		✓
4520		8/17 8/24	9

All thin 44-2402 hairs are long - gr. gold hollow types - but Admiral, Paracas BR plots Clusters

3664	B44-2402-37-3-2-1	Sim BR	4521
〃	-2		4522
〃	-3		4523
〃	-4		4524
3662	B44-2402-37-11-1-1		4525
〃	-2		4526
〃	-3		4527
3663	B44-2402-37-8-1-1		4528

4523	B44-2402-37-8-1-2	Sm BR	✓
4530	B44-2402-37-8-2-1		3664
4531	-2		✓
4532	B44-2402-37-15-1-1		3665
4533	-2		✓
4534	B44-2402-37-18-2-1		3668 Nat'l Cr
4535	-2		✓
4536	-3		✓

Nat'l Cr 13

668	B44-2402-37-18-2-4	Sm BR	4537
✓	-5		4538
3669	B44-2402-37-19-1-1		4539
69			4540
✓	B44-2402-37-19-1-2	Sm BR	4541
✓	-3		4542
679	B44-2402-11-10-1-1		4543
—	-2		4544

4545	B44-2402-10-2-1	Sm BR	3681
4546	-2		〃
4547	-3		〃
4548	B4538A1-1-2-1	B331A1-20XTP-R-SBR 8/20	3683
4549	-2	8/19	〃
4550	B4538A1-2-2-1 Has very short straw, limp, a volunteer high quality grain		3685
4551	-2		〃
4552	-3		〃

	B4598A1-2-2-4 B331A1-20ATP-R-SBR		4553
	-5		4554
3688	B4538A1-4-2-1	8/17	4555
	-2	8/18	4556
3689	B4538A1-4-3-1	8/14	4557
	-2	8/14	4558
	-3	8/14	4559
68			4560

4561	B4538A1-11-1-1	B3313A1-20XTP+R-SBR	3690
4562	-2		✓
4563	-3		✓
4564	B4538A1-5-1-1		3691
4565	-2		✓
4566	-9		✓
4567	B4538A1-7-1-1		3692
4568	-2		✓

3696	B4538A1-10-2-1	9/17	B3313A1-20 ATP+R-SBR 4569
✓	-2	9/16	4570
✓	-3	9/18	4571
3698	B4538A1-61-1-1		4572
✓	-2		4573
✓	-3		4574
3701	B4538A1-62-1-1		4575
✓	-2		4576

4577	B4538A1-62-1-3	B3313A1-20XTP-R-SBR ✓
4578	B4538A1-62-2-1	370L
4579	-2	✓
4580		136
4581	B4538A1-62-2-3	B3313A1-20XTP-R-SBR ✓
4582	-4	L
4583	-5	L
4584	-6	L

3704	B4538A1-62-4-1 B3313A1-20XTP-R-5BR	4585
⌐	-2	4586
⌐	-3	4587
3705	B4538A1-62-5-1	4588
⌐	-2	4589
⌐	-3	4590
⌐	-4	4591
3706	B4538A1-62-6-1	4592

4593	B4538A1-62-6-2	B3313A1-20XTP-R-SBR. 3706
4594	B4538A1-62-7-1	3707
4595	-2	✓
4596	-3	✓
4597	B4538A1-62-9-1	3709
4598	-2 asbestos strand BBT Type	✓
4599	B4538A1-62-10-1	3710
4600		138

B4538A1-62-10-2 B3313A1-20XTP-R-5BR

4601

B4538A1-62-11-1

3711

4602

-2

4603

Very short straw

late

-3

4604

B4538A1-31-1-1

3712

8/20

4605

-2

8/19

4606

B4538A1-40-1-1

3713

8/21

4607

-2

8/22

4608

4609	B4538A1-40-2-1	B9313A1-20XTPXR-SBR 8/22	3714
4610	F-3 B4538A1-1-1-1	R-7689XTPXR-SBR 8/18	3717
4611	-2	8/18	✓
4612	-3	8/19	✓
4613	F3 B4538A1-1-2-1	8/18	3718
4614	B4538A1-2-1-1		3719
4615	-2		✓
4616	B4538A1-3-1-1	B 8/18	3722

3723	B4538A1-3-2-1	R-7689XTPXR-5BR 8/21	4617
3728	B4538A1-5-1-1		4618
⌐	-2		4619
129			4620
⌐	B4538A1-5-1-3	R-7689XTPXR-5BR	4621
⌐	-4		4622
729	B4538A1-6-1-1	8/19 8/25	4623
⌐	-2	Mmi 8/23	4624

4625	B4542A1-1-1-1	R-7689 x T P x R-5 BR	3731
4626	B4542A1-2-2-1	8/19	3734
4627	-2	8/16	✓
4628	B4542A1-2-3-1	8/22	3735
4629	-2	8/20	✓
4630	B4542A1-2-4-1	8/14	3736
Ht	V. uniform. Has much shorter straw than Century Straw stubble, grain shorter than Cent.		
4631	-2	8/16	✓
4632	B4524A1-1-1-1	B4033A4-38 x B4031A1-3-3	3906

TP 49

✓	B4624A1-1-1-2 ~~B4033A4-38~~ X B4031A1-3-3 a short stramed mudarcon type gold. Patina grain.	4633 Hv
3907	B4624A1-1-2-1	4634
✓	-2	4635
✓	-3	4636
3908	B4524A1-2-1-1	4637
✓	-2	4638
3910	B4524A1-4-1-1	4639
78		4640

4641	B4524A1-4-1-2	B4033A4-38X	B4031A1-3-3 ✓
4642	-3		✓
4643	-4		✓
4644	-5		✓
4645	B4524A1-5-1-1		3911
4646	-2		✓
4647	-3		✓
4648	B4524A1-6-1-1		3912

B4524A1-6-1-2 B4033A4-38XB4031A1-3-3

〃 4649

B4524A1-6-2-1

3913 4650

-2

〃 4651

B4524A1-6-4-1

3915 4652

-2

〃 4653

B4524A1-6-5-1

3916 4654

midseason to late,
V. short straw, uniform.

-2

〃 8/17 8/23 4655

B4624A1-6-6-1

3917 4656

4657	B4524A-1-6-6-1	B4033A4-38 x B4031A1-3-3	3917
4658	-2		✓
4659	B4524A1-6-7-1	late (TP mat'l)	3918
Hh	Has a very long, slender grain		
4660			75 ✓
4661	B462A-1-6-7-2	B4033A4-38 x B4031A1-3-3 ?/18	✓
4662	B4524A1-7-1-1		3919
4663	-2		✓
4664	B4524A1-7-2-1		3921

B4524A1-7-2-2 B4033A4-38xB4031A1-3-3 4665

B4524A1-8-1-1 4666
922

-2 4667

B4524A1-8-4-1 4668
925

-2 4669
mid to late mate. Short
straw, much fusar
V. good Ha

-3 4670

B4524A1-8-6-1 4671
926

-2 4672

				3926
4673	B4524 A1-8-5-B, B4033 A4-38 x B4031-3-			⌐
4674	-4			⌐
4675	B4524 A1-8-6-1	8/18	8/25	3927
	Watch	hardly as tall as Cent, stunted ch mi		
4676	-2	8/19		⌐
4677	-3	8/19		⌐
4678	B4524 A1-9-2-1			3929
4679	-2			⌐
4680		8/17	8/24	9

3930	B4524A1-10-1-1, B4033A4-38xB4031A1-3-3	4681
⌐	-2 8/19	4682
3931	B4524A1-10-2-1	4683
⌐	-2	4684
3935	B4524A1-10-6-1	4685
⌐	-2 8/22	4686
⌐	-3	4687
3936	B4524A1-10-7-1	4688
	V. tall veg. 8/22	

4689	B4524A1-10-7-2, B4033A4-38 x B4031A1-3-3 V. tall neg. 8/22, taller than 4688 + 90	3936
4690	B4524A1-12-1-1 [redacted] V. tall neg. 8/22	3937
4691	-2 much shorter than 4690 on 8/22 (neg.)	✓
4692	B4524A1-13-2-1	3939
4693	-2	✓
4694	B4524A1-14-1-1	3941
4695	-2	✓
4696	B4524A1-16-1-1	3942

3943	B4524A1-16-2-1 B4033A4-38xB4031A1-3-3	4697
3946	B4524A1-20-1-1	4698
⌞	-2	4699
69		4700
3949	B4524A1-24-1-1, B4033A4-38xB4031A1-33 late, V good short strand N. mat type.	4701
⌞	-2	4702
3955	B4524A1-29-2-1	4703
⌞	-2	4704

4705	B4524A1-30-1-1, B4033A4-38XB4031A1-3-3	8/18	3956
4706	-2		〃
4707	B4524A1-32-1-1		3963
4708	-2		〃
4709	B4524A1-33-1-1		3964
4710	-2		〃
4711	B4524A1-34-1-1	8/17 Umi	3967
4712	-2		〃

B4524A1-35-1-1, B4033A4-38 x B4031A1-3-3

3968 4713

-2

↙ 4714

B4524A1-46-1-1

3969 4715

-2

↙ 4716

B4524A1-37-1

3970 4717

-2

↙ 8/18 4718

B4524A1-37-3-1

3972 late maturity V. short straw erect flag leaf, V. green straw 4719

Water in 1951

68 4720

outstanding for tillering ability on 8/22, significantly growth of tillers but short erect leaves. V good.

4721	B4524A1-37-3-2, B4033A4-38XB4031A1-3-3			3972
4722	B4524A1-37-5-1		mm 8/23	3974
4723	-2		mm 8/23	✓
4724	B4524A1-39-1-1 late ✓ good short straw.			3975
4725	-2			✓
4726	B4524A1-40-3-1	8/18		3978
4727	B4524A1-7-1-1	8/17 mm		3919
4728	-2	8/17	8/23	✓

B4524A1-7-1-2, B4033A4-38 x B4031A1-3-3

⌐		8/17	4729
3979	B4524A1-41-1-1	an outstanding late type	4730 Hv
⌐		-2	4731
⌐		-3	4732
⌐		-4	4733
3983	B4524A1-43-1-1		4734
⌐		-2	4735
⌐		3	4736

4737	B4524A1-43-2-1, B4033A4-38xB4031A1-3-3	3984
4738	-2	✓
4739	-3	✓
4740		136
4741	B4524A1-43-3-1 B4033A4-38xB4031A1-3-3	3985
4742	-2 midseason, v. good grain.	✓
4743	-3	✓
4744	-4	✓

B4526A4-1-1-1 B4033A4-38×B4031A1-3-3

3986 uni 8/23 4745

-2 uni 8/23 4746

early type

-3 uni 8/23 4747

B4526A4-4-1-1

3990 4748

Latest V. good short stamen late type

-2 4749

-3 4750

-4 4751

B4526A4-8-1-1

3993 4752

B4526A4-8-1-2, B4033A4-38 X B4031A1-3-3

4753			3993
4754	-3		〃
4755	B4526A4-9-1-1	8/19	3994
4756	-2	8/19	〃
4757	-3	8/17	〃
4758	B4526A4-10-2-1		3998
4759	-2		〃
4760			138

↙	B4526A4-10-2-3, B4033A4-38XB4031A1-3-3	4761
4002	B4526A4-14-1-1	4762
↙	-2	4763
↙	-3	4764
↙	-4	4765
4005	B4526A4-15-2-1 Uni 8/24	4766
↙	-2	4767
↙	-3	4768

4769 B4526A4-16-1-1, B4033A4138-XB4031A1-3-3
Umi 8/23 4006

4770 -2
V. Umi 8/23 ✓

4771 B4526A5-1-1-1 (TPXR-7689) X (TPXR-SBR)
4007

4772 -2 ✓

4773 -3 ✓
midseason type, v. long gr. gold hulls. Med grain, Dlisted as Jud on BBT

4774 -4 ✓

4775 B4526A5-1-3-1
4009

4776 -2 ✓

B4526A5-1-3-2, (TPXR-7689)X(TPXR-SBR) 4777

B396B47-3-1-1, SPXSJXRD 4778

2565

-2 4779

a short-g type, midseason, buff straw, smooth grain,

129 4780

B396B47-3-1-3, SPXSJXRD 4781

-4 4782

-5 4783

-6 4784

4785	B396B47-3-2-1	(SPXSSXRD)	2566 Sent to JWS
4786	-2 v. wide leaves		✓
4787 ✓	B396B47-5-1-1 Juste tall vig. late ripe & seed gr. on 8/22		2568 Sent to SWS
4788	-2		✓
4789 ✓	-3 sl. taller vig than 4790 on 8/22		✓
4790 No ✓	-4 all dead stem on 10/30 Short veg. growth 8/22, good tillering a good BBt grain type rather tall S.t.c.o.		✓
4791	B396B47-7-1-1		2570
4792	-2		✓

B396BH7-7-1-3	SPXSJXRD		4793
✓	-4		4794
✓	-5		4795
✓	-6		4796
✓	-7		4797 ✓
✓	-8		4798 ✓
2572	B396BH7-11-2-1		4799
78			4800

all are extremely faint negatives with 8/22 Rathyn imprint. Probably taken to show SPXSJ relation

4801	B396B47-11-2-2	5PX5JXRD		2572
	Vclear for H_2O; no C.D.			
4802	-3			✓
4803	-4			✓
4804	B47-3061-9-1-1	Rexark Sol.		2952
4805	-2			✓
4806	B47-3071-5-2-1			2959
4807	-2			✓
4808	-3	8/21		✓

Low dry spring humidity. 47-3071 Nuwave Incept. rank any growth.

✓	B47-3071-5-2-4	8/17	Rexark Sel.	4809
2961	B47-3071-5-3-1	8/21		4810
✓	-2	8/21		4811
2964	B46-4796-5-1-1			4812
✓	-2			4813
2969	B46-4796-13-1-1	8/22		4814
✓	-2	8/23		4815
2972	B4797-1-1-1			4816

4817	B4797-1-1-2	Rexark Sel	2972
4818	-3		✓
4819	B4797-5-1-1		2973
4820		9/23	75 ✓
4821	B4796 ✓ B4797-5-1-2	Rexark Sel.	✓
4822	-3 an Outstanding ✓		✓
4823	-4 C.P. resistant B/St type, V. sturdy green stem ✓		✓
4824	-5		✓

✓	B4797-5-1-6	Rexarc Sel.	4825
✓	-7		4826
2978	B46-4798-1-2-1		4827
✓	-2		4828
✓	-3		4829
979	B46-4832-1-1-1 8/19		4830
✓	-2 8/22		4831
✓	-3 8/19		4832

4833	B46-4856-8-26-1-1, Rexark Sel		2982
4834		-2	✓
4835		-3	✓
4836	B46-4856-8-26-3-1		2984
4837		-2	✓
4838		-3	✓
4839	B46-4856-8-26-4-1		2985
4840		V. Linn 8/22	9

✓	B46-486-8-26-4-2	Rexark Sel.	4841
2986	B46-486-8-26-5-1		4842
✓	-2		4843
✓	-3		4844
3994	B4526A4-9-1-1	B4033A4-38XB4031A1-3-3	4845
✓	-2		4846
2995	B-46-4856-8-12-3-1	Rexark Sel.	4847
✓	-2		4848

4849	B46-4856-8-12-6-1	Rexarc	Sel. 2998
4850	-2		✓
4851	B46-4856-8-12-9-1		3002
4852	-2		✓
4853	B46-4856-9-1-1-1		3006
4854	-2		✓
4855	B 48-3667-1-1		3016
4856	-2		✓

3019	B46-4856-7-3-1	Rexark Sel.	4857
✓	-2		4858
3022	B46-4856-7-5-1		4859
69			4860
✓	B46-4856-7-5-2	Rexark Sel	4861
✓	-3		4862
3025	B46-4856-7-8-1		4863
✓	-2		4864

Sep for C.O. Norstad

4865	B46-4856-7-10-1	Rexark Sel	3027
4866	-2		✓
4867	B46-4856-11-14-1		3031
4868	-2		✓
4869	B46-4803-9-1-1		3037
4870	-2		✓
4871	Field Plot Rexark 7/16		3042
4872			✓

⌐	8/17	4873
46-4799 Rexark Rogue Hd Rows.	Some C.O resistance	4874
⌐	Some C.O. resist	4875
⌐	Some C. O. resist,	4876
⌐		4877
⌐		4878
⌐		4879
68		4880

Cross cuttings

4881		46-4799 Rexark Rogue HD Rows.
4882		↙
4883		↙
4884		↙
4885		↙
4886		46-4799 Seg. Row from Hd Row
4887	Sel mode	↙
4888		↙

4889

4890

4891

4892

4893

4894

4895

4896

4897	poor tillering early	8/21	46-4799 Green. Straw Hd Row
4898	Seed made		✓
4899			✓
4900			136
4901			✓
4902			✓
4903			✓
4904			✓

			4905
			4906
			4907
Gold B.B. Bauer	V. wide leaves		4908
Prob. from B.B.+. Head Row			4909
4511 B48-4978-1-1		BBT. Sel 8/22	4910
-2		8/22	4911
-3			4912

4913	B48-5016-1-1	BBT Sel.	4515
4914	-2		″
4915	B48-5030-1-1		4521
4916	-2		″
4917	-3		″
4918	-4		″
4919	B48 4248-1-12-3-1		4531
4920	B48 4248-1-1		138

Three tailless rex, gravid hybrid three BBT

B46-4248-1-12-3-2 BBT Sol 4921

-3 4922

no C.O. in any of these lines
Girl bulls
much shorter than BBT Hn

B46-4248-2-9-3-1 4923

1536

B46-4248-2 lines 4921-4928 Straw bulls

-2 4924

-3 4925

B46-4248-2-10-1-1 4926

1539

Straw bulls no C.O. Hn
stands well when overripe

-2 4927

-3 4928

B46-4248-2-10-1-4 BBT Sel. X539

4929

-5

4930

-6

4931

-7

4932

B46-4257-7-11-1-1

4933 X543

4934 -2

B47-3741-15-1-1

4935 X548

4936 -2

	B47-3741-15-1-2	BBT sel.	4937
	-3		4938
549	B47-3741-15-2-1		4939
129			4940
	B47-3741-15-2-2	BBT sel.	4941
	-3		4942
50	B47-3741-15-3-1		4943
	-2		4944

Alt 10/23

B47-3741-15-4-1

BBT - Sel.

4945

4551

BBt growth fault

Hanging wall

-2

4946

B47-3741-15-5-1

4947

4552

-2

4948

-3

4949

Hanging wall

B47-3741-15-6-1

4950

4553

-2

4951

B47-3741-15-8-1

4952

4555

B47-3741-15-8-2 BBT - Sel. 4953

B47-3741-5-3-1
4561 4954
standing O.K. on 10/25
altho rock flat

-2 4955

B47-3743-19-1-1
K663 4956

-2 4957
much longer grain than BBT.

-3 4958

B47-3743-19-2-1
4564 4959

78 4960

4961	B47-3743-19-2-2	BBT Sel. 4564
4962	-3	〃
4963	B47-3743-19-6-1	4568
4964	-2	〃
4965	B47-3743-19-7-1	4569
4966	-2	〃
4967	-3	〃
4968	B47-3743-19-11-1	4573

B47-3743-19-11-2		BBT Sel	4969
〃	-3		4970
〃	-4		4971
B47-3743-19-14-1			4972
〃	-2		4973
〃	-3		4974
B47-3743-14-3-1			4975
〃	-2		4976

4977 B47-3743-14-3-3 B.BT Sel. 4579

4978 B47-3743-14-5-1 4582

4979 B47-3756-12-1-1 4590

4980 9/24/15 75

4981 B47-3756-12-1-2 BBT Sel. Very good ✓

4982 B47-3756-12-3-1 4592

4983 -2 C.O. Assistant BBt, Standard O.K. ✓

4984 BBT. Co. Resist. Sel. 4599 ✓

⌐	BBT. Co. Resist. Sel.	4985
⌐		4986
4601	BBT. Co Resist. Sel C. D. constant	4987
⌐		4988
⌐		4989
4607		4990
⌐		4991
⌐		4992

4993			4607
4994			✓
4995			4608
4996		9/20	✓
4997			✓
4998			✓
4999		8/18 -	✓
5000			9

L		8/22	5001
L		8/19	5002
L			5003
L		8/17	5004
L			5005
L			5006
1616			5007
L			5008

5009

5010 B49-4622-1 4622
1. gnat shirt showed C. O. resistant BBA Type

5011 -2

5012 -3

5013 -4

5014 -5

5015 B49-4626-1 4626

5016 -2

a C. O. resistant BBA. 4. gnat.

These lines all C. O. resistant + very pronounced BBA Type

〃	-3	5017
〃	-4	5018
〃	-5	5019
69		5020
4627	B 49-4627-1	5021
〃	-2	5022
〃	-3	5023
〃	-4	5024

5025	B48-4638-1	4638
5026	-2	"
5027	-3	"
5028	-4	"
5029	BBT. B45-2382, Head Rows	4645
5030		"
5031		"
5032		"

K647	5033
〃	5034
〃	5035
K655	5036
〃	5037
〃	5038
〃	5039
68	5040

5041				4655
5042				4659
5043				〃
5044	BBT Nolte Field	8/17		4661
5045		8/18		〃
5046		8/18		〃
5047		8/19		4662
5048		8/19		〃

663	BBT Sel. Eagle Lake	5049
—		5050
—		5051
—		5052
—		5053
—		5054
—		5055
—		5056

5057				4663
5058				〃
5059				〃
5060				136
	B-46-2379-9-10-3-1		BBT	
5061				4681
5062		.2		〃
5063		.3		〃
5064		.4		〃

Use stud stand C.O. mortar BBT type, select for most flush-gun type.

B-46-2379-9-10-3-5 BBT 5065

-6 5066

B45-2379-6-1-1-1 4682 5067

longer grain than 2379 lines. at least as long as BBT

-2 5068

Same as 5067 Slightly more uniform appearance, otherwise identical

B46-2379-6-1-2-1 4683 5069

-2 5070

-3 5071

B46-2379-6-1-3-1 4684 5072

5073	B45-2379-6-1-3-2	BBT	4684
5074	-3		〃
5075	B45-2379-6-1-4-1		4685
5076	-2		〃
5077	-3		〃
5078	-4		〃
	an excellent C. O. assistant BBT.		
5079	-5		〃
5080			138

4687	B46-2379-6-1-6-1 BBT	5081
〃	-2	5082
〃	-3	5083
4689	B46-2379-6-1-8-1	5084
〃	-2	5085
〃	-3	5086
〃	-4	5087
4690	B322 B47-12-1-1, RXF	5088

5089 B322B47-12-1-2 RXF 4690

5090 -3 "

5091 -4 "

5092 B322B47-12-2-1 4691

5093 -2 "

5094 -3 "

5095 -4 "

a very short stranded c.o. resident BKY, standing o.k. on 10/25. Advance

5096 B322B47-12-10-1 4699

B322 B47-12-10-2		RxF	5097
	-3		5098
	-4		5099
129		Runi 8/23	5100
B322 B47 12-10-5		RxF	5101
	-6		5102
	-7		5103
B322 B49-1			5104

5105	49-2		
5106	-3		✓
5107	-4		✓
5108	-5		✓
5109	B4535A128-1-1	B3919A1-20XBBT	4701
	velvet straw good tillering, excellent grain		
5110	-2		✓
5111	-3		✓
5112	-4		✓

B4535A1-28-2-1 B3313A1-20 x BBT
4702 5113

-2
↳ like 5116 5114

B4535A1-28-3-1
4703 5115

-2
↳ 5116
outstanding growth 8/22, BBT type for tillers & leaf habit

B4535A1-28-4-1
4704 5117

-2
↳ 5118

-3
↳ 5119
outstanding row 8/22, BBT growth habit

78 5120

5121	B4635A1-28-5-1 B3313A1-20xBBT	4705
5122	-2	″
5123	-3	″
5124	B4635A1-28-7-1	4707
5125	-2	″
5126	-3	″
	Outstanding row for tillering, BBTgn 9/22	
5127	-4	✓
5128	B4635A1-7-1-1	4708

B4635A1-7-1-2 B3313A1-20xBBT 5129

-3 5130

-4 5131

-5 8/10 2nd 5132

B4635A1-29-3-1 712 5133

-2 5134

-3 5135

-4 5136

B4535A1-29-5-1, B3313A1-20 x BBT

5137 4714

5138 -2 ✓

5139 -3 ✓

wotel

5140 75

B4535A1-29-5-4, B3313A1-20 x BBT

5141 ✓

B4535A1-29-6-1

5142 4715

V. hvy yield

Earliness

5143 -2 ✓

5144 -3 ✓

B4635A1-29-6-4, B3313A1-20xBBT

5145

-5

5146

B4635A1-29-7-1

4716

5147

-2

5148

-3

5149

-4

5150

B4535A1-29-9-1

4718

5151

-2

5152

5153 B4535A1-23-2-1, B3313A1-20 x BBT 4721

5154 -2 〃

5155 B453C1-8-5-1, BBTX (TRxR-7689) 4733

5156 -2 〃

5157 -3 〃

5158 B453C1-9-1-1 4734

5159 -2 〃

5160 um 8/23 9

4745	B453C1-67-5-1 BBTX(TPXR-7689)	5161
↙	-2	5162
↙	-3	5163
↙	-4	5164
4748	B453C1-67-8-1	5165
↙	-2	5166
↙	-3	5167
↙	-4	5168

5169	B453C1-67-8-5, BBTX (TPXR-7689)	4748
5170	B453C1-67-15-1	4755
5171	-2	〃
5172	-3	〃
173	-4	〃
5174	B453C1-67-25-1	4766
5175	-2	〃
5176	-3	〃

B453C1-21-1-1 BBTX(TPXR-7689)

5176 5177

-2 5178

-3 5179

69 5180

B454A1-81-3-1 BBTX K-R

5184 5181

-2 5182

B454A1-81-4-1

5186 5183

-2 5184

5185	B454A1-81-4-3	BBTXK-R	4785
5186	-4		〃
5187	-5		〃
5188	-6		〃
5189	B454A1-81-9-1		4790
5190	-2		〃
5191	-3		〃
5192	-4		〃

	B454A1-81-9-5	BBT x K-R	5193
791	B454A1-81-10-1		5194
	-2		5195
	-3		5196
	-4		5197
	-5		5198
793	B464A1-81-12-1		5199
68			5200

Tobacco

3698
3717
3755

3801
3804
3807
3823
3825
3878

3906

4001
4009
4166
4172
4177

4238

#130 is a long g. rough but has short straw of Jap type, narrow leaves. may be good to send Jones for Coh.
#138 has Jap type straw, smooth & v. slender, long-g. type

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

worked to 5264

5201 — 99	completed	10/25-27
5301 — 99	"	
5401 — 99	"	
5501 — 99	"	
5601 — 99	"	
5701 — 99	"	
5801 — 99	"	10/30 to 11/2/50
5901 — 99	"	
6001 — 99	"	
6101 — 99	"	
6201 — 99	"	
6301 — 99	"	
6401 — 99	"	
6501 — 99	"	
6601 — 99	"	
6701 — 99	"	
6801 — 41	"	

N.O. Nurs. Completed

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4–6–'08.
2. Disked (lapped half).....4–10–'08.
3. Harrowed.....4–10–'08.
4. Harrowed.....4–27–'08.
5. Seeded.....4–27–'08.
6. Harrowed.....4–27–'08.

SEEDING

Manner.....Drilled.

Date.....4–27–'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084–1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

5201	B454A1-81-12-2	BBTXK-R	4793
5202	-3		✓
5203	B454A1-81-12-1		4794
5204	-2		✓
5205	B454A1-81-16-1		4797
5206	-2		✓
5207	-3		✓
5208	B454A1-81-19-1		48.01

B454A1-81-19-2		BBTXK-R	5209
	-3		5210
B454A1-81-23-1			5211
	-2		5212
	-3		5213
B454A1-81-26-1			5214
	-2		5215
B454A1-81-29-1			5216

5217	B454A1-81-29-2	BBTxK-R	4811
5218	-3		〃
5219	B454A1-81-30-1		4812
5220			136
5221	B454A1-81-30-2	BBTxK-R	〃
5222	-3		〃
5223	B454A1-82-7-1		4821
5224	-2		〃

✓	B454A1-8273	BBTXK-R	5225
4823	B454A1-83-1-1		5226
✓	-2		5227
✓	-3		5228
4822	B454A1-82-8-1		5229
✓	-2		5230
✓	-3		5231
48	Between 40-70		5232

5233	Antdanding for Zeichnung Nr 8/22		48	Between 40-70
5234	B454A1-84-14-1		BBTXK-R	4849
5235	-2			
5236	B454A1-84-16-1			4851
5237	-2			
5238	B454A1-84-21-1			4856
5239	-2			
5240				138

A1-84 Lumo system top bracket

✓	B454A1-84-21-3	BBXX-R	5241
257 C.O.=R			5242
278	B455B2-17-5-1		5243
✓		-2	5244
✓		-3	5245
✓		-4	5246
✓	8/20	-5	5247
✓	8/20	-6	5248

5249	B#55B2-17-5-7			278
5250		8/21	-8	L
5251		8/22	-9	L
5252		8/23	-10	L
5253	B455A1-27-3-1			276 SBORT. BB+
5254			-2	
5255		8/23	-3	L
NW	Short strand BB+			
5256			-4	L

	—5	
⌐	Short Shaved Blk.	5257
⌐	—6	5258
⌐	—7	5259
129		5260
⌐	—8	5261
⌐	8/23 —9	5262
⌐	—10	5263
⌐	—11	5264

5265	B455A1-27-3-12			Short	276 BBT
5266	Taller than other stems	8/22	-13		L
5267			-14		L
5268			-15		L
5269		8/22	-16		L
5270			+17		L
5271			+18		L
5272			-19		L

⌐	-20	5273
⌐	-21	5274
⌐	-22	5275
⌐	-23	5276
275	B455A 1-15-11-1	5277
⌐	-2	5278
⌐	-3	5279
78		5280

5281	B455A 1-15-11-4	275
5282	-5	"
5283	-6	"
5284	-7	"
5285	-8	"
5286	-9	"
5287	-10	"
5288	-11	"

⌐		-12	5289
⌐		-13	5290
274	B455A1-8-4-1		5291
⌐		-2	5292
⌐		-3	5293
⌐		-4	5294
⌐		-5	5295
⌐		-6	5296

5297	B455A1-8-47		274
5298		-8	"
5299		-9	"
5300			75
5301		-10	"
5302	V. M. 8/22	-11	"
5303		-12	"
5304			4041-42

✓			5305
⌐			5306
4043	B455A1-7-1-1	BBT x (GPX R-SBR)	5307
⌐	-2		5308
4044	B455A1-7-2-1		5309
⌐	-2		5310
4046	B455A1-8-1-1		5311
⌐	-2		5312

Label with adhesive grid paper, attached to steam

5313	B455A1-14-1-1	BBTX(TPxR-SBR)	4052
5314	-2		"
5315	B455A1-15-2-1		4055
5316	-2		"
5317	-3		"
5318	-4		"
5319	B455A1-15-3-1		4056
5320		I. Mai 8/21	9

B455A1-15-3-2	BBT·X(TPXR-SBR)	5321
B455A1-15-4-1		5322
4057		
" -2		5323
B455A1-15-5-1		5324
4058		
" -2		5325
B455A1-15-6-1		5326
4059		
" -2		5327
B455A1-15-8-1		5328
4062		

5329	B455A1-15-8-2 BBT X(TPIR-SBR)	4062
5330	-3	L
5331	B455A1-15-9-1	4063
5332	-2	L
5333	-3	L
5334	B455A1-15-10-1	4064
5335	-2	L
5336	-3	L

4065 B455A1-16-1-1 BBT. x (TPxR-SBR) 8/21 5337

" -2 5338

" -3 5339

69 5340

" B455A1-16-1-4 BBT. x (TPxR-SBR) 8/22 5341

4067 B455A1-20-1-1 8/21 5342

" -2 5343

4074 B455A1-25-1-1 5344

Short, very stocky straw, dk green leaves when emerge! White hulls, as slender as Reno— One of very Best short str BBT tiller

5345	B455A1-25-1-2	BBTK (TRKR-SBR)	4074
5346	-3		✓
5347	-4		✓
5348	B455A1-26-2-1		4075
5349	-2 8/23		✓
5350	B455A1-27-1		4077
5351	-2		✓
5352	B455A1-27-2-1		4078

Munch like BBA, magnetized

BBA gunnt (mag)

4082	B455A1-29-3-1	8/23	5353
〃	-2	8/22	5354
〃	-3		5355
4083	B455A1-29-4-1	8/22	5356
〃	-2	8/23	5357
4084	B455A1-30-1-1		5358
〃	-2		5359
68.			5360

5361	B455B2-2-1-1	BBTX (TPXR-SBR)	4086
5362	-2		〃
5363	-3		〃
5364	B455B2-3-2-1		4088
5365	-2		〃
5366	-3		〃
5367	-4		〃
5368	B455B2-3-3-1		4089

〃	B455B2-3-3-2 BBT x (TPx R-SBR)	5369
4091	B455B2-5-2-1 8/18	5370
〃	-2 8/18	5371
4095	B455B2-7-1-1	5372
〃	-2	5373
4096	B455B2-7-2-1	5374
〃	-2	5375
4098	B455B2-8-1-1	5376

5377	B455B2-8-1-2	BBTX(TPXR-SBR) 4098
5378	-3	〃
5379	B455A1-13-1-1	4050
5380		136
5381	B455A1-13-1-2	BBTX(TPXR-SBR) 〃
5382	-3	〃
5383	-4	〃
5384	-5	〃

B455A1-13-1-6 BBTX(TPXR-5BR)		5385
B455B2-11-2-1	4106	5386
-2		5387
-3		5388
-4		5389
-5		5390
B455B2-13-2-1	4108	5391
-2	9/18	5392

5393	B455 B2-13-2-3	B B Tx (T P x R-5 B R)	✓
5394	B455 B2-13-3-1		4109
5395	-2		✓
5396	-3		✓
5397	B455 B2-13-4-1		4110
5398	-2		✓
5399	-3		✓
5400			138

4111	B455B2-13-5-1	BBTX (TPXR-SBR) 8/19	5401
⌐	-2	8/22	5402
4112	B455B2-16-1-1		5403
⌐	-2	8/19	5404
⌐	-3	8/19	5405
4113	B455B2-16-2-1		5406
⌐	-2		5407
4114	B455B2-16-3-1		5408

5409	B455 B2-16-3-2			BBTxCTPxR-SBR) 41/4
5410	-3			✓
5411	B455 B2-16-4-1			4115
5412	-2			✓
5413	B455 B2-17-2-1	8/19	8/23	2117
5414	-2	8/20 v.lmi		✓
5415	-3	8/19 v lmi		✓
5416	-4	8/19 V.lmi		✓

4118	B455B2-17-3-1	8/19	BBTx(TPxR-5BR) 8/23	5417
⌐	-2	8/21		5418
4865	B45.22A1-2-1-1		B4033A4-38 x BBT	5419
129				5420
⌐	B4522A1-2-1-2		B4033A4-38xBBT	5421
⌐	-3			5422
⌐	-4			5423
⌐	-5			5424

5425	B4522A1-9-2-1		B4033A4-38X	BBT 4869
5426	-2 late			✓
5427	B4522A1-11-2-1			4892
5428	-2			✓
5429	-3	8/22		✓
5430	B4522A-18-1-1	8/22		4896
5431	-2	8/22		✓
5432	-3	8/22		✓

B4522A1-26-1-1 B4033A4-38 X BBT

4887 5433

-2 5434

-3 5435

-4 5436

-5 5437

B4522A1-55-2-1

4889 5438

late

-2 5439

78 5440

5441	B4522A1-66-2-3	B4039A4-38 X BBT	4889
5442	B4522A1-29-2-1	8/22	4893
5443	-2	8/21	✓
5444	-3	8/24	✓
5445	-4	8/24	✓
5446	B4522A1-39-1-1		4899
5447	B4522A1-39-2-1		4901
5448	-2		✓

B4522A1-40-1-1 B4033A4-38 ABBT

4902 5449

-2

" 5450

B4522A1-43-1-1

4904 5451

-2

" 5452

-3

" 5453

B4522A1-43-2-1

4905 5454

-2

" 5455

B4522A1-43-3-1

4906 5456

5457 B4522A1-43-3-2, B4033A4-38 x BBT 4906

5458 B4522A1-45-1-1 4908

5459 -2 ↵

5460 8/17 4 pkts 25

5461 B4522A1-48-1-1 B4033A4-38 x BBT 4910

5462 -2 ✓

5463 B4522A1-50-1-1 4913

5464 -2 ✓

4913	B4522A1-50-1-3	B4033A1-38 x BBT 5465
↙	-4	5466
4914	B4522A1-50-2-1	5467
↙	-2	5468
4916	B4522A1-50-4-1	5469
4917	B4622A1-51-1-1	5470
↙	-2	5471
293		5472

5473			293.
5474			〃
5475			〃
5476			〃
5477			〃
5478			〃
5479			〃
5480		V. Urk. 8/20	9...

293		5481
292		5482
〃		5483
〃		5484
〃		5485
〃	V. good sh strawd BBd type	5486
〃	Excellent shot - strawd B/Bt	5487
〃		5488

5489			292
5490	B457A1-2-1-1	BBTXCI 8975(R-N)	4922
5491	-2		〃
5492	-3		〃
5493	B457A1-11-1-1		4924
5494	-2		〃
5495	-3		〃
5496	-4		〃

B457A1-11-1-5 BBTXCI8975(A-N)

4924 5497

B457A1-11-2-1

4926 5498

-2

5499

69 5500

B457A1-11-3-1

4926 5501

-2

5502

B457A1-29-1-1

4927 5503

-2

5504

5505	B457A1-29-1-3	BBTXCI8975 (R-N)	4927
5506	-4	〃	〃
5507	B457A1-29-3-1		4929
5508	-2	〃	〃
5509	-3	〃	〃
5510	-4	〃	〃
5511	B457A1-29-4-1		4930
5512	-2	〃	〃

B457A1-29-4-3 4930	BBTxCI8975 (R-N)	5513
512	A late straw hulled CO resistant BBT grain type strain. Prob as late as T, Patna	5514
"		5515
"		5516
"		5517
"		5518
"		5519
688		5520

5521				5/2
5522				〃
5523	late (TP mid) C. O resistant, stools med, type, rough		rough strain V sturdy strain good Rep gray buds, watch	〃
5524				〃
5525				〃
5526				〃
5527				〃
5528		8/19		RXN 8996 F1 Rogues

RXN 8975 Ft Rogues	5529
↵	5530
↵	5531
↵	5532
↵	5533
↵	5534
↵	5535
↵	5536

5537				RxN 8995 Firogues	
5538				↙	
5539			B347 B44-13 Bauer		
5540				186	
5541				↙	
5542				↙	
5543				↙	
5544				↙	

5545

5546

5547

5548

4937 B457A1-30-5-1 BBI. XCI 8975 (RN) 5549

-2

5550

4938 B457A1-30-6-1 5551

-2

5552

5553	B457A1-31	-2-1	BBT. XCI8975(RN 4941
5554		-2	↓
5555	B457A1-31-6-1		4945
5556		-2	↓
5557	B47-3806-13-1-1		4948
5558		-2	↓
5559		-3	↓
5560			138

4948	B47-3806-13-1-4	BBT. x CI-8975 (R-N)	5561
4949	B47-3806-13-4-1		5562
	-2		5563
4950	B47-3806-13-5-1		5564
	-2		5565
	-3		5566
4952	B49-4952-1	R x N Rogue	5567
	-2		5568

5569	B49-4954-1	RxN Rogue	4954
5570	-2		LL
5571	B49-4956-1		4956
5572	-2		LL
5573	B47-3806-136-1	BBT, XCI 8975 CR-N	4951
5574	-2		LL
5575	B49-4959-1	RxN Rogue	4959
5576	-2		LL

4966	B49-4966-1	RxN Rogue	5577
〃	-2		5578
4968	B46-4514-10-1-1	RxN (8975 Rogue)	5579
	√ short sturdy straw grain too brood.		
129			5580
4968	B46-4514-10-1-2	RxN (8975 Rogue)	5581
4970	B49-4970-1		5582
〃	-2		5583
〃	-3		5584

5585	B45-2442-24-6-1	RxNC8975	Rogoff 4976
5586	-2		"
5587	-3		"
5588	B45-2442-25-6-1		4981
5589	-2		"
5590	-3		"
5591	-4		"
5592	-5		"

Apparatus Drawing
Nice Illustration time
Paul 45-2442 (Anne)

4989	BK5-2442-28-12-1-1 RxN(8975 Rogue)	5593
〃	-2	5594
〃	-3	5595
〃	-4	5596
4990	BK52442-28-12-2-1	5597
〃	-2	5598
4992	BK52442-28-12-4-1	5599
718		5600

5601	B45-2442-28-12-4-2 RxN(8975 Rogue)	4992
5602	-3	〃
5603	B45-2442-28-12-6-1	4994
5604	-2	〃
5605	B45-2442-28-12-9-1	4999
5606	-2	〃
5607	B45-2442-29-14-2-1	4999
5608	-2	〃

4999	B45-2442-29-14-2-3	5609
"	-4	5610
5004	B45-2442-29-14-6-1	5611
"	-2	5612
"	-3	5613
5005	B48-5407-1	5614
"	-2	5615
5013	B49-5013-1	5616

5617	B49-5013-2	RXN(8975)	5013
5618	-3		"
5619	B49-5016-1		5016
5620			"
5621	B49-5016-2	RXN(8975)	5016
5622	-3		"
5623	CI8975, RXN		5016
	OFF types From Head Rows		
5624		11	"

5048	CI 8975, RN Off Types from Head Rows	5625
↙	〃	5626
5060	〃	5627
↙	〃	5628
↙	〃	5629
5054	〃	5630
↙	〃	5631
↙	〃	5632

5633	B347B44-13-1		5058
5634		-2	〃
5635		-3	〃
5636	B347B44-13-1		5062
5637		-2	〃
5638	B347B44-13-1		5066
5639		-2	〃
5640		V. Mus 8/21	9

B347B44-13-3 5066	5641
-4 8/22 ✓	5642
-5 ✓	5643
B347B44-13-22-1 5090	5644
-2 ✓	5645
B347B44-13-30-1 5097	5646
-2 ✓	5647
-3 ✓	5648

	B347B44-13-31-1	
5649		5098
5650	-2	〃
5651	-3	〃
	B347B44-13-96-1	
5652		5104
5653	-2	〃
5654	-3	〃
	B347B44-13-39-1	
5655		5107
5656	-2	〃

B347B44-13-39-3
5107 5657

B347B44-13-42-1
5110 5658

-2
✓ 5659

69 5660

B347B44-13-42-3
✓ 5661

B347B44-13-44-1
5112 5662

-2
✓ Has grueny straw-than ottura 5663
may be later, a long-gr type
gold hulls, may be Lata tho
R.N. ; a Lain Lake Imp B.B.F.
B47B44-13-48-1
5116 5664

5665	B47B44-13-48-2	5116
5666	-3	〃
5667	B47B44-13-64-1	5133
5668	-2	〃
5669	-3	〃
5670	B47B44-13-67-1	5136
5671	-2	〃
5672	B47B44-18-72-1	5142

5142	B47 B44-13-72-2	5673
↵	-3	5674
5154	B47 B44-13-84-1	5675
↵	-2	5676
↵	-3	5677
5157	Purple Nira	5678
↵		5679
68		5680

5681		8/19 V. Ulmi	279
5682		8/19	"
5683		8/19	"
5684		8/20	"
5685		8/20	"
5686		8/20	"
5687		8/20	"
5688		8/23 (1 plant south of here)	"

279	no plants	5689
"	8/20 (Mural plants all South of Lima)	5690
"	8/22	5691
"	8/20	5692
"	8/19	5693
"	8/19 V. Mts 8/23	5694
"		5695
"	8/21	5696

5697			279
5698	8/19		〃
5699	8/19		〃
5700			136
5701	8/21		279
5702	8/19		〃
5703	V. Mich 8/23		〃
5704	Irreg 8/22		〃

many homozygous very early plants ??

279		Uni 8/23	5705
↵		Uni. 8/23	5706
5168	Stockdick	8/1 Leg	5707
↵		8/1	5708
5169			5709
↵		8/1	5710
5170			5711
5172		8/10 Leg	5712

5713 5172

5714 B4544A1-1-1, R-7689 X 8975 5269

5715 Sally are much alike, short down then RBT, pink 2nd BOK
Indy, no C.O. very low profile, excellent green type (BKH)

5716 "

5717 "

5718 "

5719 "

5720 138

5269		5721
5270		5722
↵		5723
↵		5724
↵		5725
↵		5726
5271	8/23	5727
↵	8/18	5728

Table of Numbers from 5269 down

5729	Tail types, small stem, tail bent no tail TR-47	5272
5730		〃
5731		〃
5732		〃
5733		5273
5734		〃
5735		〃
5736		〃

5273				5737
5274	B4544 A1-2-3 8/23		R-7689X	8975 5738
〃	Very short straight pruning	-2		5739
129	all much like 5738	-3		5740
〃		-4		5741
〃		-5		5742
〃		-6		5743
〃		-7		5744

B4544A1-2-3-8, R-7689 x 8975

5745 5274

5746 -9

5747 -10

5748 -11

5749 -12

5750 -13

Prob T P mot, v. short stem no C, O
Gem stage, grains all larger than T.P. indicated

all much like 5738

5751 -14

5752 B4515A1-1-1-1 Hill Sel X 8970 RN 5276

5276	B4515A1-1-1-2	Hill Sel x 8975 RN	5753
↵	-3 8/23		5754
↵	-4 8/23		5755
5277	B4515A1-1-2-1		5756
↵	-2		5757
↵	-3		5758
↵	-4		5759
788			5760

				R-N
5761	B4515A1-1-2-5		Hill Soix	8975 5277
5762	B4515A1-2-1-1			5278
5763	-2			〃
5764	-3			〃
5765	B4515A1-2-2-1	8/23		5279
5766	-2			〃
5767	-3			〃
5768	-4			〃

B4515A1-2-2-5 Hill Sel X 8975 P-N

5279 5769

-6

5770

B4515A1-6-1-1

5282 5771

-2

medium to late mat, 5772
Straw hulls, P/St grain
v. green straw no C.O,

-3

5773

-4

5774

-5

Shorter & earlier than others 5775

-6

Prob. later than others 5776
v. good vigor & tillering

All are Ugrad

5777	B4515A1-8-1-1	Hill Sel X	(R-N) 8975–	5283
5778	-2		↓	
5779	-3		↓	
5780		9/23		76
5781	B4515A1-8-2-1	Hill Sel X	(R-N) 8975–	5284
5782	-2		↓	
5783	-3		↓	
5784	-4		↓	

5286	B4515A1-10-1-1		Hill Selx	(R-N) 8975 5785
↓		-2		5786
↓		-3		5787
5286	B4515A1-10-2-1			5788
↓		-2	9/23	5789
↓		-3		5790
↓		-4		5791
5287	B4515A1-12-1-1			5792

5793	B4515A1-12-1-2	Hill Sel X 8975 P-N 8/22	5287
5794	B4515A1-12-2-1		5288
5795	-2		✓
5796	B4515A1-13-1-1		5289
5797	-2	much later than Reiss v good stem not top type clean lobes. v little c.o	✓
5798	B4515A1-14-2-1		5291
5799	B4515A1-14-1-1		5290
5800			99

5290	B4515A1-14-1-2	H.11 Sel X	R-N 8975- 5801
5293	B4515A1-15-2-1		5802
↓	-2		5803
↓	-3		5804
5294	B4544A1-10-2-1	B3313A1-20X8975(RN)	5805
↓	-2		5806
↓	-3		5807
5296	B4544A1-11-1-1 8/22		5808

5809	B4544A1-11-1-2	9/21	B3313A-20x8975	(RN 5295
5810	-3	9/23		〃
5811	-4	9/22		〃
5812	B4544A1-11-2-1			5296
5813	-2	8/20		〃
5814	-3	8/20		〃
5815	B4544A1-11-3-1			5297
5816	-2	8/22		〃

B4544A1-11-3 B3313A1-20x8975 (RM)
6297 5817

-4
5818

B4544A1-11-2-1
5299 5819

69 5820

B4544A1-11-2-2 B3313A1-20x8975 (RM)
5821

-3
5822

-4
5823

an excellent short strand
late mat variety good fuller
Then Rep-5

B4544A1-12-3-1
5901 5824

5825	B4644A1-12-3-2 B3313A1-20x8975(RN)	5301
	light & good like 5823 may have sl longer more sl. grain	
5826	B4544A1-12-4-1	5305
5827	-2	"
5828	B4544A1-16-1-1	5306
5829	-2	"
5830	B4644A1-16-2-1	6307
5831	-2	"
5832	B4544A1-16-3-1	6308

B4544A1-16-3-2 B3313A4-20x8975 (RN)

5308 5833

-3

〃 5834

B4544A1-16A-1

5309 5835

-2

〃 5836

-3

〃 5837

B4544A1-19-1

6311 5838

-2

〃 5339

68 5840

5841	B4544A1-19-2-1	8/20	B3313A1-20x18975(RN) 5312
5842	-2	8/22	✓
5843	B4544A1-20-1-1		5313
5844	-2		✓
5845	B4544A1-20-2-1		5314
5846	-2		✓
5847	B4544A1-20-4-1		5316
5848	-2		✓

B4544A1-20-5-1 B3313A1-20x8975 (RN)

5317 5849

-2

✓ V. good extremely late type 5850
pgh later than Kenaw. No. C. pr. v. green
straw, excellent grain, slender, & no
longer than Kenya as long

B4544A1-21-1

5318 5851

-2

✓ 5852

B4544A1-21-2-1

5319 5853

-2

✓ 5854

B4544A1-21-3-1

5321 5855

-2

✓ 5856

5857 B4544A1-22-1-1 B3313A1-20x8975 (RN) 5922

5858 -2 V. late Indican type with v. sturdy straw,

5859 B4544A1-22-2-1 5923

5860 136

5861 B4544A1-222-2, B3313A1-20x8975 (RN)

5862 B4544A1-22-1-1 5925

5863 -2

5864 -3

B4544A1-23-1 B3313A1-20x8975 (RN)

5326 5865

-2 5866

-3 5867

B4544A1-23-2-1

5327 5868

B4544A1-26-1-1

5328 5869

-2 5870

-3 5871

a short strawed straw hulled long sl. grain type stooled V, well. Green straw may be as early as RN or Imp. B3313,

-4 5872

5873 B4544A1-26-2-1, B3313A1-26x8975 (RN 3329)

5874 -2 ✓

5875 -3 ✓

5876 -4 ✓
V. short straw
appears to belong in 26-3 family

5877 B4544A1-26-3-1 6330

5878 -2 ✓
appears taller than 5877
79, 81 & 82, but still
V. short straw possibly as early
as RN

5879 -3 ✓

5880 138

B4544A1-263-4, B3313A1-20x8975 (RN) 5881

B4544A1-27-1-1 5882
5332
light type
hvt & short stem

-2 5883

-3 5884
Breeding true, erect flop.
extremely short stem, late mat.
V. green stem, el grain
B4544A1-272-1
5333 5885

-2 5886

-3 5887
much like 5884 but taller

-4 5888

5889	B4544A1-28-2-1, B3313A1-20x8975(RM)		5335 5985
5890	B4544A1-29-1-1		5336
5891	-2		✓
5892	B4644A1-29-2-1		5337
5893	-2		✓
5894	B4544A1-30-1-1	8/22	5338
5895	-2	8/23	✓
5896	-3		✓

B4544A1-30-2-1, B3313A1-20X8975 (RN)

5339 5897

-2

" 5898

-3

" 5899

129 2s cuttings mi 9/24 5900

B4544A1-34-1-1

5341 5901

Indian ear, Great tillers, long leaves, open panicle

-2

" 5902

-3

" 5903

B4544A1-34-2-1

5342 5904

Taller than others exceptional tillering

B4544A1-34-2-2 , B3313A1-20X8975 (R-N.

5905 5342

-3

5906 later than others, ✓
may have stunder strain.
all of these should be good under B.G. of
Cuban conditions (resemble nice grown
in these countries at least.)

5907 297

B4544A1-34-2-4 B3313A1-20X8975 (R-N) ✓

5908 like RN but have longer grain
midseason not. stunted, met 5907

-5

5909 ✓

-6

5910 ✓

B4591A2-91-2-1 B4033A4-38X8975

5911 5344

-2

5912 a T Patna Type ✓

⌐ B4531A2-91-2-3, B4033A4-38X8975	5913
B4531A2-91-4-1 5346	5914
⌐ -2	5915
B4531A2-91-5-1 5397	5916
⌐ -2	5917
⌐ -3	5918
⌐ -4	5919
78	5920

may be KN-mat, or both

5921	B4531A2-91-6-1	B4033A4-38X8975	5348
5922	-2		✓
5923	B4531A2-91-7-1		5349
5924	-2		✓
5925	-3		✓
5926	B4531A2-3-1-1		5351
5927	-2		✓
5928	-3		✓

✓	B4531A2-3-1-4 B4033A4-38x8975	5929
5352	B4531A2-3-2-1	5930
✓	-2	5931
✓	-3	5932
5353	B4531A2-5-1-1	5933
✓	-2	5934
5356	B4531A2-5-4-1	5935
✓	-2	5936

5937	B4531A2-10-1-1, B4039A4-38 X 8975	5359
5938	-2	✓
5939	-3	✓
5940		75
5941	B4531A2-13-1-1	5362
5942	-2	✓
5943	-3	✓
5944	B4531A2-92-1-1	5365

✓	B4531A2-92-1-2, B4033A4-38 x 8975	5945
5366	B4531A2-92-2-1	5946
✓	-2	5947
✓	-3	5948
6367	B4531A2-92-3-1	5949
✓	-2	5950
✓	-3	5951
✓	-4	5952

5953 B4531A2-92-3-5, B4033A4-38X8975
5367

5954 B4531A2-92-4-1
5368

5955 -2 "

5956 -3 "

5957 B4531A2-92-5-1
5369

5958 -2 "
an excellent Recco type

5959 B4531A2-92-6-1
5370

5960 V. Unit 8/21 9

B4531A2-92-6-2, B4033A4-38X8976

5961

-3

5962

-4

5963

-5

5964

An excellent T.P. type, may be as late as Rex but has shorter stem & my stands strong green leaves.

-6

5965

B4531A2-92-7-1

5571

5966

-2

5967

-3

5968

5969	B4531A2-92-7-4, B4033A4-38X8975	6371
5970	-5	↙
5971	B4531A2-15-2-1	6373
5972	-2	↙
5973	-3	↙
5974	B4531A2-16-1-1	6374
5975	-2	↙
5976	B4631A2-18-1-1	5376

B4631A2-18-1-2 B4033A4-38X8975
5977

-3
5978

B4631A2-20-2-1
5378
5979

69
5930

B4531A2-20-2-2, B4033A4-38X8975
5981

B4531A2-20-3-1
5379
5982

-2
5983

-3
5984

5985 B4531A2-20-3-4 B4033A4-38-8975 5379

5986 -5 ✓

5987 -6 ✓

5988 -7 ✓

5989 B4531A2-20-5-1 5382

5990 -2 ✓

5991 -3 ✓

5992 -4 ✓

fairly short shaw
may be a late a TP.
good grain type,

B4531A2-20-5-5		B4033A4-38-8975	5993
	-6		5994
	-7		5995
B4531A2-24-1-1 6383			5996
	-2		5997
B4531A2-24-2-1 6384			5998
	-2		5999
68			6000

6001	B4531A2-90-1-1	B4033A4-38X8975	5386
6002	-2		✓
6003	-3		✓
6004	B4531A2-90-2-1		5387
6005	-2		✓
6006	B4531A2-90-3-1		5388
6007	-2		✓
6008	B4531A2-93-4-1		5389

B4531A2-93-4-2 B4033A4-38X8975 6009

-3 6010

-4 6011

B4531A2-93-5-1
5390 6012

-2 6013

B4531A2-93-6-1
5391 6014

-2 6015

B4531A2-93-7-1
5392 6016

6017	B4631A2-93-7-2	B4033A4-38X8975	5392
	Prob. no later than P. V. green stain, no C.O, much dissolution TP & Rx a fuller grain.		
6018	-3		✓
6019	-4		✓
6020			136
6021	B4631A2-93-7-5	B4033A4-38X8975	✓
6022	-6		✓
6023	-7		✓
6024	B4531A2-25-1-1		5395

B4531A2-25-1-2	B4033A4-38X8975	6025
-3		6026
-4		6027
B4531A2-26-1-1 5396		6028
-2		6029
-3		6030
B4531A2-26-4-1 5399		6031
-2		6032

6033	B4531A2-26-4-3	B4033A4-38x8975 5399
6034	B4531A2-27-1-1	5401
6035	-2	"
6036	-3 Prob RN mat, a V. good T.P. grain type.	"
6037	B4531A2-27-2-1	5402
6038	-2	"
6039	B4531A2-31-3 -1	5406
6040		138

B4531A2-31-3-2 B4033A4-38X8975 8/22 6041

B4531A2-34-2-1
5408 6042

-2 6043

B4531A2-37-1-1
5410 6044

-2 6045

B4531A2-44-1-1
5412 6046

-2 6047

-3 6048

6049	B4531A2-44-3-1	B4033A4-38 X8975	5414
6050	-2		〃
6051	-3		〃
6052	B4531A2-45-1-1		5415
6053	-2		〃
6054	-3		〃
6055	-4		〃
6056	B4531A2-49-3-1		5419

B1631A2-49-3-2 B1033A4-38X8975

6057

B1531A2-50-1-1

5421

6058

-2

6059

129

6060

B1531A2-53-1-1

5428

6061

-2

6062

B1531A2-53-3-1

5430

6063

-2

6064

6065	B4531A2-571-1	B4033A4-38X	8975	5432
6066	-2			✓
6067	B4531A2-63-2-1			5442
6068	-2			✓
6069	B4531A2-94-2-1			5445
6070	-2			✓
6071	B4531A2-94-3-1			5446
6072	-2			✓

Burned up too short

B4531A2-49-1-1 B4033A4-38-8975

5418 6073

-2

〃 6074

-3

〃 6075

B4531A2-68-1-1

5449 6076

-2

〃 6077

B4531A2-71-1-1

5453 6078

-2

〃 6079

78 6080

6081	B4531A2-71-1-3	B4033A4-38 X8975	5453
6082	B4531A2-77-2-1		5459
6083	-2		〃
6084	-3		〃
6085	-4		〃
6086	-5		〃
6087	-6		〃
6088	B4531A2-95-6-1		5468

	B4531A2-95-6-2	B4033A4-38X8975	6089
		-3	6090
5469	B4520A1-41-1-1		6091
		-2	6092
5472	B4520A1-41-4-1		6093
		-2	6094
5473	B4520A1-41-5-1		6095
		-2	6096

6097	B4520A1-42-2-1	B4033A4-38X8975	5476
6098	-2		〃
6099	-3		〃
6100			75
6101	B4520A1-42-4-1	B4033A4-38X8975	5478
6102	-2		〃
6103	B4520A1-42-5-1		5479
6104	-2		〃

Mechanical Inspection

	B4520A1-42-5-2, B4033A4-38X8975	6105
5481	B4520A1-42-6-1	6106
	-2	6107
5482	B4520A1-43-1-1	6108
	-2	6109
5487	B4520A1-26-1-1	6110
	-2	6111
5488	B4520A1-26-2-1	6112

6113	B4520A1-26-2-2, B4033A1-38		X8975 5488
6114		-3	〃
6115	B4520A1-27-2-1		5490
6116		-2	〃
6117		-3	〃
6118	B4520A1-33-1-1		5491
6119		-2	〃
6120		J. Mm 8/21	9

5495	B4520A1-34-1-1, B4033A1-38x8975	6121
↳	-2	6122
5497	B4520A1-40-1-1	6123
↳	-2 a very late TP type no C.G. V. green stain in 10/21,	6124 Hu
5408	B4531A2-34-2-1, B4033A4-38x8975	6125
↳	-2	6126
5533	B4529A1-10-2-1, B4033A4-38xB4033A4-43	6127
↳	-2.	6128

6129	B4529A1-20-1-1, B4033A4-38xB4033A4-43		5536
6130	-2		✓
6131	B4529A1-23-2-1		5538
6132	-2		✓
6133	B4534A1-20-1-1	8/21	5566
6134	-2		✓
6135	-3	8/20	✓
6136	-4	8/19	✓

6666	B4534A1-20-1-5, B4033A4-38XB4033A4-43 8/22		6137
〃	-6 8/19		6138
〃	-7 8/19		6139
69			6140
6667	B4534A1-22-2-1, B3313A1-20XB4033A4-43 9/21		6141
〃	-2 8/22		6142
6668	B4534A1-27-2-1 8/22		6143
〃	-2 8/22		6144

6145 B4534A1-42-2-1, B3913A1-20x B4033A4-43
5562

6146 -2 ✓

6147 -3 9/22 ✓

6148 B4534A1-58-1-1
5565

6149 -2 ✓
Albata type, V short straw, Andgan growth type, excellent grain quality

6150 B4534A1-58-3-1
5567

6151 -2 ✓

6152 B4534A1-58-5-1
5569

B4534A1-58-5-2, B3313A1-20 X B4033A4-43 ✓ 6153

-3 ✓ 6154

B4534A1-58-6-1 5670 6155

-2 ✓ 6156

-3 ✓ 8/23 6157

-4 ✓ 6158

-5 ✓ 8/22 6159

68 6160

6161	B4534A1-58-11-1, B3913A1-20 x B4033A4-43	6675
6162	-2	✓
6163	-3	✓
6164	-4	✓
6165	B4534A1-58-12-1	5576
6166	-2	✓
6167	-3	✓
6168	B4634A1-58-15-1	5579

B4594A1-58-15-2, B3313A1-20 x B4033A4-43 — 6169

6581 B4594A1-58-16-1 — 6170

-2 — 6171

5584 B4534A1-58-19-1 — 6172

-2 — 6173

5585 B4534A1-58-20-1 — 6174

-2 — 6175

-3 — 6176

6177	B4534A1-58-21-1, B3313A1-20 x B4033A4-49		5586
6178	-2		✓
6179	-3		✓
6180			136
6181	B4534A1-58-22-1	9/19	5587
LW	9 v short shanked Gentry type, straw hulls.		
6182	-2	8/19	✓
6183	B4534A1-58-23-1		5588
6184	-2		✓

B4534A1-58-24-1, B3913A1-20 x B4033A4-43

5689 6185

-2 ✓ 6186

-3 ✓ 6187

B4534A1-58-26-1

5691 6188

-2 ✓ 6189

-3 ✓ 6190

B4534A1-58-28-1

5693 6191

-2 ✓ 6192

6193	B4334A1-58-31-1, B3313A1-20X B4033A4-43	5596
6194	-2	✓
6195	B4541A1-1-1-1, B3313A1-20x B4033A4-38-1	5598
6196	-2	✓
6197	B4541A1-49-1-1	5604
6198	-2	✓
6199	B4541A1-49-3-1	5606
6200		138

B45411A1-49-3-2, B3313A1-20X B4033A4-38-1 ✓ 6201

B45411A1-49-6-1
6609 6202

-2 ✓ 6203

B45411A1-8-2-1
5611 6204

-2 ✓ 6205

-3 ✓ 6206

B45411A1-10-1-1
5612 6207

-2 ✓ 6208

6209	B4541A1-11-1-1, B3313A1-20x B4033	A4-38-1 6614
6210	-2	✓
6211	B4541A1-11-2-1	5615
6212	-2	✓
6213	-3	✓
6214	B4541A1-13-1-1	5616
6215	-2	✓
6216	-3	✓

B4541A1-14-5-1, B3313A1-20X B4033A4-38-1

5624 6217

-2

✓ 6218

B4541A1-15-7-1

6632 6219

129 6220

B4541A1-15-7-2, B3313A1-20X B4033A4-38-1

✓ 6221

B4541A1-17-1-1

6639 6222

-2

✓ 6223

B4541A1-20-1-1

5638 6224

6225	B4541A1-20-1-2, B3313A1-20 x B4033A4-38-1	5638
6226	B4541A1-21-1-1	5641
6227	-2	✓
6228	B4541A1-24-2-1	5647
6229	-2	✓
6230	B4541A1-26-2-1	5650
6231	-2	✓
6232	B4541A1-27-2-1	5654

B4541A1-27-2-2, B3313A1-20 X B4033A4-38-1 6233

-3 6234

-4 6235

-5 6236

B4541A1-27-3-1 6237

-2 6238

-3 6239

78 6240

6241	B4541A1-35-1-1, B3313A1-20 X B4033A4-38-1	5663
6242	-2	✓
6243	-3	✓
6244	B4541A1-35-1-1	5664
6245	-2	✓
6246	-3	✓
6247	B4541A1-35-3-1	5665
6248	-2	✓

B4541A1-33-3-3, B3313A1-20x B4033A4-38-1 6249

B4541A1-35-4-1
3666 6250

-2 6251

B4541A1-39-1-1
5670 6252

-2 6253

B4541A1-40-1-1
5671 6254

-2 6255

B4543A1-8-2-1 TPX Hill Med.
2647 6256

6257	B4545A1-8-2-2	TPX Hill Med.	2647
6258	B4545A1-9-1-1		2649
6259	-2		〃
6260			75
6261	B4545A1-9-3		〃
6262	-4		〃
6263	-5		〃
6264	-6		〃

	B4545A1-9-1-1	TPxHill Med.	6265
	-8	8/21	6266
2657	B4545A1-13-1-1	8/21	6267
	-2		6268
2659	B4545A2-1-1-1		6269
	-2		6270
	-3		6271
	-4		6272

6273	B4545A2-1-1-5	TP x Hill	Med. 2659
6274	-6		〃
6275	-7		〃
6276	B4545A2-1-2-1		2661
6277	-2		〃
6278	-3		〃
6279	-4		〃
6280		Umi 8/21	9

✓	B4545A2-1-2-5	TP x Hill Med.	6281
✓	-6		6282
2662	B4545A2-1-3-1		6283
✓	-2		6284
2663	B4545A2-3-1-1	8/17	6285
✓	-2	8/12	6286
✓	-3	8/17	6287
2664	B4545A2-3-2-1		6288

6289	B4545A2-3-2-2	TP x Hill Med.	2664
6290	-3	Has exceptionally sturdy straw /	✓
6291	-4	all 3 have mucilaginous	✓
6292	B4545A2-4-1-1		2665
6293	-2		✓
6294	B4545A2-5-1-1		2666
6295	-2		✓
6296	B4545A2-11-1-1	8/22	2668

B4545A2-12-1-1 TPxHill Med.

2669 6297

" -2 6298

B4545A2-14-1-1

2670 6299

69 6300

" B4545A2-14-1-2 TPxHill Med 6301

B4545A2-15-1-1

2671 6302

" -2 6303

" -3 6304

6305	B4545A2-17-2-1, 4PxH.11 Med	2674
6306	-2	✓
6307	B4545A2-17-3-1	2675
6308	-2	✓
6309	B4545A2-18-2-1	5677
6310	-2	✓
6311	B4540A1-3-1-1, B3313A1-20xHill Mea	5679
6312	-2	✓

B4540A1-30-13, B3313A1-20 x Hill Med.
6313

B4552A1-18-2-1, TP x B3313A1-20
5681
6314

-2
6315

-3
6316

B4552A1-19-1-1
5682
6317

-2
6318

-3
6319

6320

6321 B4552A1-20-1-1 TP x B3313A1-20 5685

6322 B4552A1-20-3-1 5687

6323 -2 ✓

6324 B4552A1-20-41 5688

6325 -2 ✓

6326 -3 ✓

6327 B4552A1-23-1-1 5690

6328 -2 ✓

B4562A1-23-3-1 TPXB3313A1-20

5692 6329

-2

✓ 6330

B4527A1-1-2-1, B4033A4-38 X Rexoro

5694 6331

-2

✓ 6332

-3

✓ 6333

-4

✓ 6334

B4527A1-8-1-1

5696 6335

-2

✓ 6336

6337 B4527A1-8-1-3, B4033A4-38 X Rexoro 5696

6338 B4529A1-11-2-1 5699

6339 -2 ✓

6340 136

6341 B4527A1-20-2-1, B4033A4-38 X Rexoro 6710

6342 -2 ✓

6343 B4527A1-22-1-1 5711

6344 -2 ✓

B4527A1-24-2-1 B433A4-38 x REX o RO

5713 6345

- 2 ✓ 6346

B4527A1-48-5-1

5718 6347

-2 ✓ 6348

-3 ✓ 6349

B4527A1-48-7-1

5721 6350

A v. good Rex type.
Some C.O. pink, dep.

-2 ✓ 6351

-3 ✓ 6352

6353 B4527A1-48-9-1 B4033A4-38xRexoh 5723

6354 -2 ✓

6355 -3 ✓

6356 B4527A1-27-2-1 5727

6357 -2 ✓

6358 -3 ✓

6359 B4030A3-21-3-1, Rx7689XTP watch 5729
a very good late one No C.O. V.G.
no. C. O.

6360 138

Three Nuts
No C. O.'s

B4030A3-21-3-2, R-7689 x TP.
5729 6361

-3
✓ 6362

-4
✓ 6363

-5
✓ 6364

-6
✓ 6365

4033 A-4
38-1-16 6366

Pr. Stems from Hd. Rows

✓ 6367

✓ Bulking time for protein 6368

6369			4033 A-4 38-1-16
6370			✓
6371			✓
6372	earlier than original	Earlies Hd.	4033A 4-38 Rows
6373			✓
6374			✓
6375			✓
6376			✓

B48-6547-3-1 RX7689
5756 6377

- 2
✓ 6378

B48-6548-1-1
5758 6379

129 6380

B48-6548-1 2
✓ 6381

B48-6552-1-1
5761 6382

B3313347-3-1-1
5763 6383
Extremely slender, highest of quality, Indian characters

- 2
✓ 6384

6385 B3313B47-3-4-3 RX7689 5763

6386 B46-2066-1-1-1 5765

6387 -2 ✓

6388 B46-2054-81-1, B3313A1-20 Robe 5767

6389 -2 ✓

6390 -3 ✓

6391 5768

6392 ✓

B46-2054-10-1-1, B3313A1-20 Rogue

5770 6393

-2 6394

-3 6395

B46-2054-11-6-1

5777 6396

Vlossye grain

-2 6397

-3 6398

B46-2054-11-7-1

5778 6399

78 6400

6401 B46-2054-11-7-2 B3313A1-20 Rogue 5778

6402 B46-2054-18-1-1 8/18 5781

6403 -2 8/17 ami ✓

6404 B46-2054-24-1-1 5783

6405 -2 ✓

6406 B46-2054-24-2-1 5784

6407 -2 ✓

6408 B46-2053-14-1-1 5789
narrow leaves, v. short straw, fine straw, good sl. gr. stand, v. mild, when ourspi late maturity

B46-2053-14-12 6409

-3 6410

-4 6411

-5 6412

-6 6413

Hybmix.-9-44-481-1, TPxRxLong54. 6414
5805

-2 6415

Hybmix-9-44-482-1, TPxRxLong54. 6416
5806

6417 Hyb Mix-9-44-48-2-2, TP RxLong Sl. 5806

6418 Hyb Mix-10-47-3-2 8/21 5818

6419 -3 "

6420 75

6421 Hyb Mix-10-47-3-4 TP X Rx Long Sl. 8/14 "

6422 B34B47-18-3-1, NxK. 5505

6423 -2 "

6424 -3 "

And very green stand
No. C. Oakdale, rel. grain
Smith Woodland, 1 variety
Jr Crossing

5513	B343B47-18-11-1	NxK	6425
↙	-2		6426
↙	-3		6427
↙	-4		6428
5514	B343B47-18-12-1		6429
↙	-2		6430
↙	-3		6431
5531	B343B47-18-18-1		6432

6433 B3#3B47-18-18-1-2 5521

6434 49-1 513

6435 -2 ✓

6436 -3 ✓

6437 -4 ✓

6438 -5 ✓ This is a typical Jap plant type, tough wiry stem, narrow leaves, but grain is slender, and not in length tend to down for Calif.

6439 ✓

-6

6440 V. Uni 8/21 9

513	-7	6441
↵	-8	6442
↵	9/23 -9	6443
↵	-10	6444
↵	-11	6445
↵	-12	6446
↵	-13	6447
↵	-14	6448

6449	-15	513
6450		508
6451		✓
6452		✓
6453		✓
6454		✓
6455		✓
6456	BH9-515-1	515

✓	8/4 KE&S Leg	2	6457
✓		3	6458
✓	(K.E.&S. Leg	4	6459
68			6460
✓		5	6461
✓		6	6462
✓		7	6463
✓			6464

6465			515
6466	B3412B47-2-2-1,	CA-R	5735
6467	B3412B47-2-4-1		5737
6468	-2		✓
6469	-3		✓
6470	B3412B43-224-1		5742
6471	-2		✓
6472	-3		✓

5743	B3412B43-22-5-1 8/21	CHXR	6473
↓	-2 8/21		6474
↓	-3 8/21		6475
5760	B3781B47-4-1-1 8/22 HO=VR	RX81C	6476
↓	-2		6477
5752	B3781B47-16-1-1 8/19		6478
↓	-2 8/20		6479
136			6480

6481			504
6482			507
6483			〃
6484			〃
6485			521
6486		49(21)-2	〃
6487		44-3	〃
6488		44-4	〃

49-5

✓		6489
B49-5822 5822	Rexona Rogue Head Rows.	6490
✓	"	6491
✓	"	6492
B49-5823 5823	"	6493
✓	"	6494
B49-5824 5824		6495
✓	"	6496

6497	B49-5824	Rexoro Rogue Head Rows	5824
6498	B49-5825	"	5826
6499		"	✓
6500			138
6501			✓
6502			✓
6503			✓
6504	B49-5828	"	5828

B49-5825 ✓		Rexora Rogue Head Rows	6505
B49-5833 5833			6506
✓	"		6507
✓	"		6508
✓	"		6509
B49-5834 5834			6510 1/2
✓	"		6511 1/2
B49-5836 5836	Rexora Foundation	Head Row Rogue	6512

Grown on adjacent C.O. same variant as Rexora Rogue with increased

6513	B49-5836	Rexono Foundation Head Row Rogue	5836
6514	B49-5842		5842
6515		〃	〃
6516		〃	〃
6517	B49-5844		5844
6518		〃	〃
6519		〃	〃
6520			12E

B495846 5846	Rexoro-Foundation Head Rows Rogue		6521
✓	"		6522
✓	"		6523
✓	"		6524
B495848 5848	"		6525
✓	"		6526
✓	"		6527
B49-5849 5849	Rexoro Head Row Rogue		6528

6529	B49-5849	Rexoro Head Row	5849 Rogue
6530		"	✓
6531	B49-5855		5855
6532		"	✓
6533		"	✓
6534	B49-5859		5859
6535	B49-5869		5869
6536		"	✓

B49-5869	Rexoro Head Row Rogue	6537
✓	"	6538
B49-5872 5872	"	6539
78		6540
B49-5872	Rexoro Head Row Rogue	6541
✓	"	6542
B48-6401-1-1 5885	Rexoro Sel.	6543
-2 ✓		6544

6545	B48-6401-1-3	Rexonol Sel.	5885
6546	-4		✓
6547	-5		✓
6548	B48-6407.2-1		5891 Like 5885
6549	-2		✓
6550	B48-6415-1-1		5899
6551	-2		✓
6552	B48-6418-1-1		5908 +09 No C.D

B48-6418-1-2	Rexoro Sel.	6553
-3		6554
-4		6555
-5		6556
B48-6420-1-1 5910		6557
No C.O. Rex type		
-2		6558
-3		6559
75		6560

6561	B48-6420-1-4 Rexoro Sel.	5910
6562	-5	〃
6563	B48-6424-3-1	5916
6564	-2	〃
6565	-3	〃
6566	-4	〃
6567	B48-6433-2-1	5925
6568	-2	〃

B48-6433-2-3	Rexoro Sel.	6569
B48-6437-3-1 5932		6570
-2		6571
-3		6572
B48-6438-2-1 5931		6573
-2		6574
-3 Rexoro Rogue Hd Row		6575
Black Row -4		6576

6577					537
6578					〃
6579					〃
6580			1, 4m 8/4		9
6581					〃
6582					〃
6583					〃
6584					〃

〃	6585
〃	6586
〃	6587
〃 V. narrow leaves, green leaves, tough stem like Jap, tall, sl. grain, rough, med long. An interesting type, caught this	6588
TPXR Rogues Hd. Row	6589
〃	6590
〃	6591
3/4 Rex Hd Row	6592

6593		8/13 Seg	3/4 Rex
6594			✓
6595			✓
6596	B43-280-1-3-1-1,		Texas Pacific Sob. 5957
6597		-2	✓
6598	B43-280-1-3-3-1		5959
6599		-2	✓
6600			69

V imp Mott C.O. Mont stat
good tellurium / gneiss stain

B47-4507-11, Texas Patna Sel. 6601
5967
Early

-2 6602

B47-4507-23-1 6603
5974

-2 6604

B46-2069-55-1 6605
5991

-2 6606

-3 6607
V. short type, Hu

-4 6608

6603 B46-2069-5-3 Texas Patna Seb.

6610 -4

6611 -5

6612 -6

6613 B46-2069-11-1-1 6001

6614 -2

6615 B46-2069-25-1-1 6003

6616 -2

B46-2068-8-1-1 Texas Patna Sel.
6012 6617

- 2
6618

- 3
6619

6620
68

B46-2068-8-1-4 Texas Patna Sel.
6621

B46-2068-12-1-1
6015 6622

- 2
6623

- 3
6624

6625 B324B49 -1, R 5094/539

6626 -2 ↵

6627 -3 ↵

6628 -4 ↵

6629 -5 ↵

6630 -6 ↵

6631 -7 ↵

6632 -13 ↵

B324B49-8, Rx5094

6633

-9 6634

-10 6635

6636

-11

6637

-12

Aubrey Jones TP
6017

6638

6639

"

136

6640

6641	Aubrey Jones TP	6017
6642	" early + V shot stain	6021
6643	"	6031
6644	"	✓
6645	B403/A1-1-5	306
6646		✓
6647		✓
6648		✓

6649

6650

6651

552 B49-552-1, R×7689 rogue 6652

6653

-2

6654

-3

-4 6655

-5

much like 2nd run 6656

nice. would be interesting to know its performance in B.L.

6657				552
6658				″
6659				″
6660				138
6661				″
6662				″
6663				″
6664				″

~		6665
~		6666
~	552-b	6667
~		6668
6707		6669
~		6670
6705		6671
~		6672

6673	B4527A1-16-1-1, B4033A4-38 x Rexoro	5703
6674	-2	✓
6675	-3	✓
6676	B4527A1-44-1-1	5701
6677	-2	✓
6678	-3	✓
6679	B46-2053-5-2-1	5791
6680		129

B46-2053-5-2-2, B3313A1-20 Rogue 5791		6681
B46-2053-15-3-1 5798	8/21	6682
- 2		6683
B46-2053-7-1-1 5799		6684
- 2		6685
B46-2053-12-1-1 5801	9/19	6686
- 2	9/10	6687
- 3	9/18	6688

Line severed by collar in flap

1 2 1

Cut off flap and collar from type

6689	B46-2053-12-3	8/19	B3313 A1-20 Roque 5801
6690	-4	8/19	✓
6691	-5	8/17	✓
6692	-6	8/20	✓
6693	B46-2053-12-2-1	8/20	5802
6694	-2	8/20	✓
6695	-3	8/21	✓
6696	B46 2053-12-3-1	8/19	5803

B46-2053-12-3 2 8/19		B3313A1-20 Rogue	6697
✓	-3 8/19		6698
✓	-4 8/20		6699
78			6700
B47-4942-10-2-1 6038		Katang Setang Selu	6701
✓	-2		6702
✓	-3		6703
B47-4929-4-1-1 6048			6704

6705	B47-49294-1-2	Karang Serang	Sel. 6049
6706	B47-5002-14-1-1		6057
6707	- 2		〃
6708	B47-4980-31-1		6063
	mid season to late, gold hulls no awns, v long gr, smooth		
6709	- 2		〃
6710	- 3		〃
6711	- 4		〃
6712	B47-4980-3-2-1		6064

B47-4980-3-2-2 Kahang sehang 6064	6713
B47-4980-3-4-1 6066	6714
-2	6715
-3	6716
B47-4980-3-6-1 6068	6717
-2	6718
-3	6719
75	6720

6721	B47-4980-5-2-1	karang sonang Sel.	6070
6722	- 2		↙
6723	B47-4980-5-3-1		6071
6724	- 2		↙
6725	B47-4980-6-1-1		6072
6726	- 2		↙
6727	B47-4976-1-2-1		6078
6728	- 2		↙

B47-4976-1-2-3 Kahang serang Sel.	6729
B47-4976-2-2-1 6082	6730
" - 2	6731
B47-4976-3-1-1 6083	6732
" - 2	6733
B47-4976-5-2-1 6085	6734
" - 2	6735
" - 3	6736

6737 B47-4963-14-1-1 Karang Senang Sel. 6893

6738 -2 ✓
Rel short sturdy straw, late mat, no C.O, green leaves, sm, gold. grain not as long as 4980 family.

6739 -3 ✓

6740 9

6741 B47-4963-6-1-1 Karang Senang Sel 6096 6097
Nv Has excellent straw of 6738 vgood but a sl longer grain, tyfee, late

6742 -2 ✓

6743 -3 ✓

6744 B47-4962-14-1-1 6104

B47-4962-4-1-2	Karang serang	sal.	6745
"	-3		6746
B47-4954-1-1 6117			6747
"	-2		6748
"	-3		6749
B47-4954-3-2-1 6122 23			6750
"	-2		6751
"	-3		6752

6753	B45-4954-7-2-1	Karang serang Sel.	6124
6754	-2		✓
6755	B45-4954-4-1		6131
6756	B45-4954-6-1		6133
6757	-2		✓
6758	B45-4950-9-2-1		6137
6759		Karang-serang Regues	
6760			69

〃	6761
〃	6762
〃	6763
Karang-serang sel.	6764
918 Early	6765
B4541A1-6-1-1, B3313A1-20 x B4033A4-38-1 6201	6766
〃 -2	6767
〃 -3	6768

by mutual consent of the parties

6769 B4541A1-6-1-4, B3313A1-20 X B4033A4-38-1 6201

6770 B4541A1-6-2-1 6202

6771 -2 "

6772 -3 "

much taller than 6766-69

6773 B4541A1-41-1-1 6203

6774 -2 "

6775 -3 "

6776 B4541A1-412-1 6204

B4541A1-41-2-2, B3313A1x20xB4033A4-38-1 6777

-3 6778

B4541A1-43-1-1
6206 6779

68 6780

B4541A1-43-1-2, B3313A1x20xB4033A4-38-1 6781

-3 6782

B4541A1-43-2-1
6207 6783

-2 6784

6785 B4541A1-43-13 B3313A1X20XB4033A4-38 6207

6786 B4545A1-3-1-1 TPX Hill Med. 6208

6787 -2 ✓

6788 -3 ✓

6789 B4552A1-12-1-1 TPX 3313A1-20 6209
a very good straw bulb
late line

6790 -2 ✓

6791 -3 ✓

6792 -4 ✓

B4553 2A1-1 2-1-5 TPX Hill Med.	6793
- 6	6794
- 7	6795
- 8	6796
B4553 2A1-15-1-1 6210	6797
- 2	6798
-3	6799
136	6800
6210	6801

Rows homeled through and
including 5823 on 10/31/50.

century = 231

200 sq.

late

2mp BBT

T. P.

T/S Rx

Rx

RN

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Cross 6850 with Century and Blackhawk.

Cross 7090 with BB++ and mi 1951, plant characters resemble BR but grain is like BB.

7142
7182+3
7184+85

7183 make sels not ripe 10/16

Harvard 1217

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4–6–'08.
2. Disked (lapped half).....4–10–'08.
3. Harrowed.....4–10–'08.
4. Harrowed.....4–27–'08.
5. Seeded.....4–27–'08.
6. Harrowed.....4–27–'08.

SEEDING

Manner..... .....Drilled.

Date..... .....4–27–'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084–1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

6801 B4552 A1-15-1-1, TPx 3313 A1-20 6210

6802 B4552 A1-17-1-1 6211

6803 -2 ✓

6804 -3 ✓

6805 B4552 A1-19-1-1 6212
a very promising short
stramd TP type straw
hulls, excellent tillering
Hr

6806 -2 ✓

6807 -3 ✓

6808 Field plot
Early P.

B459A3-141-1 Hill Sel. x Rexark
3264 6809

-2 6810

-3 6811

Spi 160,468 6812
Tullis 1034 Rogue

1438 Tullis Smooth 6813
Tall stiff peduncle

1438 Tullis Smooth 6814
Typicle Jap Smooth

1539 Tullis 6815
Tongol

1540 Tullis's 6816
Red Sin

6817		Jones No Tag
6818		A104 Natl. Cross Fl 1/5
6819		A104 Natl Cross Fl 1/5 ✓
6820		138
6821		✓
6822		✓
6823		✓
6824		Natl Cross A104

	Natl. Crosses A104	6825
	〃	6826
	〃	6827
	〃	6828
800		6829
〃		6830
〃		6831
802		6832

6833					302
6834					✓
6835				T1034 Rogue	✓
6836					✓
6837				T1034 Rogue	
6838				T1438	
6839				T1439	
6840					69

C.V. Ho.

T1540				1	6841
T1539					6842
Jones No Tag Glut.					6843
6424 1	B4532A1-2-1, B4033A4-38×B3812A1-2-2 Ho 3-1-1		slitters	1	6844
1		-2	R	1-2	6845
	V late,				
1		-3		1-2	6846
6425 1	B4532A1-2-2-1 Ho 3-2-1		"	1-2	6847
1		-2			6848

		CO	HD	
6849	HO-10-1-1, B4033A4-38x B3812A1-2-1	R		6426 1
	mid			
6850	HO-12-1-1	S		6427 1
	mid			
6851	HO-18-1-1	R	2	6428 1
6852	HO-18-2-1	R	" 1	6429 1
	late			
6853	-3	seg	1	1
	late			
6854	HO-21-1-1	R	1-3	6430 1
	v. late			
6855	HO 23-2-1	MS	1-2	6433 1
6856	-2	MR	3	6433 4

		Threading		Mist	
6485 2	HO-25-2, B433A4-38X B3812A1-2-2	MR	3		6857
6487 3	HO 28-1-1	R	3		6858
6487 1	-2	R	3		6859
129		S	3		6860
64141 1	HO-32-3-1, B433A4-38X B3812A1-2-2	VE R	1-2	L	6861
1	-2 V.E	R	2-3	L	6862
64142 1	HO-35-1-1 M	S-MR	2	L	6863
6444 1	HO-36-1-1 E	S	2	E	6864

V good long sl gr. type Hr

		Shoot				
6865	HO 36-2-1	B4633A4-38xB3812A1-2-7				6445 1-2
6866		-4				6447 1-2
6867	HO-36-7-1	E	R	2	dry	6450 3-4
6868		-2		2		6450 2/R
6869	HHO-36-9-1	VE	R	5	R	6452 3+
6870	HO-37-1-1	M	S	1	VE	6453 1
		V. Shoot Straw				
	9 V. good type					
6871	HO-37-2-1	V.E	R	0-1	mud	6454 1
6872	HO-37-3-1		R	2		6455 2+

6456 3	HO44-1-1 B4033A4-38xB3812A1-2-2	H	R.	4	M	6873
6457 1	HO44-2-1	M	RR	1-2	M	6874
6457 2	-2	M	R	1-2	M	6875
6458 3	HO-45-1-1	E	MR	2-4	M	6876
	V. good grain & plant type					
6458 1	-2	M	MR	2-4	M	6877
	These rows among dominants 100 from remainder the C.I. parent					
6458 2	HO-49-1-1	M	R	3	l	6878
6459 4	-2			3		6879
38				4		6880

6881	HO-49-2-1, B4033A4-38xB3812A1-2-2					6461
		M	R	0-1	M	1
	Short v. green stem, good grain					
6882	HO-51-1-1					6462
		R-MR			M	1
6883	HO-51-3-1					6464
		R-MR		1-2	M	1
	G. V. good BB type with v. green stem					
6884	HO-54-2-1					6466
		R-MR		1		1
6885	HO-55-1-1					6467
		M	R	2-3	M	1
	Has v. large spots but few					
6886	-2					6467
				2-4	M	4
6887	HO 55-2-1					6468
				4	l	4
6888	-2					
				4-5		4

6468 Y/R	HO-55-3-1, B40 33A4-38 x B3812A1-2-7	VE	R-MR	1	L	6889
6470 Y/R	HO-55-4-1	VE	R	1-3	M	6890
6471 O/R	HO-60-1-1	E	R	0-1	1	6891
O/R	-2	E	R	0-1	1	6892
6472 Y/R	HO-60-2-1			2	L	6893
473	HO-68-1-1			4		6894
474 -2/R	HO-68-2-1			2-3		6895
6481 Y/R	HO-68-8-1			2		6896

6897	HO-71-2-1 B4033A4-38xB3812A1-2-2	V.E.	T	0-1	6484 0-1/R
6898	-2			1-2	0-1/R
6899	HO-71-7-1	M	R.	1-3	M-L 6489 2-3
6900		E	S	2-3	69
6901	HO-91-1-1, B4033A4-38xB3812A1-2-2	M-E	MR	3	6491 2-3/Seg
6902	HO-91-2-1	M-E	MR	3	6492 2-3/Seg
6903	HO-91-3-1	M-E	MR	3	6493 2-3 R-MR
6904	HO-99-1-1	V.E	T	2	M-L 6494 1/R

		Shatt.	C.D	Hd	mat	
6497 1/R	HO-99-4-1, B4033A4-38xB3812A1-2-2	V.E.	T	2	E-M	6905
6499 4-5/Sep?	HO-105-1-1	M	T	4	M	6906
6581 1-2/R	HO-271-1-1	E	R	3	M-L Seg	6907
	Has very large spots not too numerous					
4-5/R	-2			3		6908
	same as 6907					
6582 0-1/R	HO 271-2-1	E	R-S	Seg 1-3	M-L Seg	6909
4-5/R	-2	E	R	Seg 1-3	M-L Seg	6910
6583 1/R	HO-308-1-1, BBt. Rogue x B3812A1-2-2	M	R	3	M	6911
	some fairly clean plants					
2-3/R	-2	M	R-M	3	M	6912

6913	HO-308-3-1, BBt Rogue x B3812A1-2-2	M	S	2-3	M
6914	HO-308-4-1	m	s	1-2?	M
	Hard to close, acc CO				
6915	HO-315-1-1	E	MR	2-3	M
	fuzzy to but large				
6916	HO-318-1-1	E	R	+	M
6917	HO324-1-1	E	MS	3	M
6918	-2	E	MS-S	3	M
6919	HO-324-3-1	E	S+	(1-2?)	E
	leave dead when class				
6920		E	ST	3?	L

6596 HO-324-5-1, BBT. Prague x B3812A1-2-2
1/1 B45PA1 6921
R-M E S-MR 1-2 E-M

6597 HO-367-1-1, T. PoTha x B3812A1-2-2
2/R E R 2-3 L 6922

-2
2/R E R-S 2-3 L 6923

6598 HO-367-2-1
2-3/R-M M M-R 3 M-L 6924

6599 HO-367-3-1
4/R R 3 6925

6601 HO-367-4-1
3/R E R-M-R 3 M-L 6926

6602 HO-367-5-1
2/M-R E ST 1.. P M-E 6927
Can not classify Morbs clear

6603 HO-367-6-1
1-2/R E R-L 1-2 L 6928

6929	HO-368-1-1 T. PaTh a x B 3812A1-22	E	R	3	M-L	6604 3/R
6930	HO-368-2-1 early spots clear but with large	E	R	3	L	6605 1/R
6931	HO-368-3-1		R	4	M	6606 1/R
6932	HO-377-3-1	(E-M) Seg	K-S	1	Seg E-L	6610 1/M-R
6933	HO-378-1	M	S	3	M	6611 2-3 M-R
6934	HO-384-1-1 large spots	M	R	4	M	6612 3/R
6935	HO-388-1-1 action now	E	R	0-1	M	6616 1/R
6936	-2	(M-E)	R	0-1	L	1/R

4 1900

6617 HO-338-2-1, T. PaTh2xB3812A1-2-2
2/R 8? E R 1-2 M-E 6937

6618 HO-338-3-1
4-5/R 8? M R 3+ M 6938

6619 HO-338-4-1
1-2/R 8? E R 1 M-E 6939

38 E R 4 l 6940

6621 HO-394-1-1 T. PaTh2 x B3812A1-2-2
1/R V.E R 1 l 6941
a very clean row

6622 HO-394-2-1
4-5/R V. E R 3-4 l 6942

6623 HO-394-3-1
1/M-R M-E R 1 l 6943
good plant, some plants almost mimme
Eucalyptus
a very good long sl. green type

6625 HO-394-5-1
? M-E S 1 l 6944

HO-395-1-1 T. P2 Th2. x B3812 A1-2-2

6945 VE R 2-3 M 6626 2/R
v. large spots not too numerous

6946 HO-407-1-1 6629
V.E Seg 3 M / 2/R

6947 HO-443-1-1 6633
E R 1-2 l 0-1/R
leaves die look at tips only
V short stature

6948 HO-443-2-1 6634
R 0-1 Vl 0-1/R
color + tall otherwise 6947

6949 HO-443-3-1 6635
M-E R 0-1 l 0-1/R
much like 6947 but cleaner

6950 HO-443-4-1 6636
E R 1-3 Segs l 0.1/R

6951 E R -2 1 l 0-1/R

6952 HO443-5-1 6637
R 1-3 V.l 0-3/R

This line has not comm
Yolks are pen ng chromide

6637 HO-443-5-2 T. PaTh2 x B3812A1-2-2
0-1/R R 1 l 6953

-3
L
0-1/R R 1 l 6954

6638 HO443-6-1
1/R M-2 R 2 l 6955
V. good neg characters
Good Klawstine

6639 HO443-4-1
1/R R 2-3 l 6956

6640
1/R-M M R 1-2 M 6957

1/R-M M MR 2 M 6958

6641 HO-468-4
2/R E MR 2 M 6959

69 St ? M 6960
too rigid to classify

6961	HO-468-1-2 T. P2 Th2 x B3812 A1-22	M-E	MR	2	M	6641 2/R
6962	-3	E	MR	1	M	✓ 2/R
6963	-4	E	MR	1	M	6641 1/R
6964	-5	E	MR	2	M	✓ 1/R
6965	HO-468-2-1	M-E	MR	2-3	M	6642 2/R
6966	-2		MR	2	M	✓ 2/R
6967	-3	E	R-MR	2	M	6642 2/R Smooth
6968	HO-468-3-1	M	MR	2-3	M	6643 1/R

all rough + muddable

Rough

2 smooth
Cleaner than preceding rows

Rough

all HO-468 lines much alike for C.O.
are pret. MR to R, very little C. O. also
all are rough except 6967 + similar
No resistance

6643 HO-468-32 T. Patna x B3812A-1-2-2
1/R E MR 2-3 M 6969

6643 -3
3/R M-E MR 2-3 M 6970

6644 HO-468-4-1
1-2/R M-E MR 2-3 M 6971

all are rough

1-2/R -2 M-E MR 2 M 6972

6644 -3
2/R M-E R 1-2 M 6973
Possibly cleaner than other ones

6645 HO-468-5-1
1/R E R 3 E-M 6974

1/R -2 E R 2 M 6975

1/R -3 M R 2-3 M 6976

6977	HO-468-6-1, T. Patna x B3312 A1-2-2	M	R	1-2	M	6646 1/R
6978	-2	M	R & MR	1	M	1/R
6979	HO-468-7-1	M	R-MR	2-3	M	6647 2/R-MR
6980		E	S	3	L	129 Check
6981	HO-468-7-2, T. Patna x B3312 A1-2-2	M-E	MS	2	M-L	6647 2/R-MR
6982	HO-472-1-1		M-MS	3	M	6648 2/R Smooth
6983	-2		S	3?	L	2/R Smooth
	too ripe to classify					
6984	HO-472-2-1		S	3?		6649 2/R
	too ripe to class.					

6650 4/R	HO-472-B-1 T. PatTha x B 3812R1-2-2				
		E	R	4	L	6985
4/R		E -2	R	4	L	6986
6651 1/R	HO-472-4-1	M.E	R	1	L-M	6987
	Very good type					
6652 4/R	HO-472-51		R	(1-3 dep)	L	6988
6653 2/R	HO-472-61			2-3	VL	6989
6653 4/R	-2			2-3	V.L	6990
6654 2/R	HO-472-7-1		R-MR	1	L	6991
6655 4-5/R	HO-472-8-1			3-4	L	6992

6993	HO-473-2-1, T. Patna x B3812A1-2-2	R	1	W	6660 1/R
6994	HO-473-3-1	R	1	L	6658 1/R
6995	HO-484-1-1	R	1	L	6659 1-2/R
6996	HO-4842-1	ME R R	0-1	L	6661 1/R
6997	HO-484-4-1	M-E R	0-1	L	6663 0-1/R
6998	-2	Tr	1	L	L 0-1/R
6999	-3	R	1	L	L 0-1/R
7000					138 Check

one of my cleanest, + good rg, nigh good grain, + good lat. row

all much alike

6664 a-1 R	HO-484-5-1	T. Patna x B3812-A1-2-2	R	0-1	h	7001
6665 2-3 R	HO-484-6-1		R-MR	0-2	w	7002
6667 1R	HO-484-8-1		MR	1	VL	7003
6668 1R	HO-484-9-1			1	VVL	7004
6669	HO-486-1-1			2		7005
6677 1R	HO-487-1-1		R	2		7006
1R		-2		1-2		7007
6678 2R		-3		2-3		7008

7009	HO-487-3-1, T. Patna x B3812A1-22	2-3		6679 3+/R
7010	HO-487-4-1	4		6681 4/R
7011	HO-487-5-1	3		6682 4/R
7012	HO-487-6-1	4-5		6683 4/R
7013	B3812A1-2-1 HO Resistance Lod to classify	1-2?	M	6684 4/R
7014	B38 1/2 A1-24-1 " not typ	3	l	6687 3/R
7015	B38 1/2 A1-22-5-1 " not typ	1-3 leg	l	6688 2/M-R
7016	B38 1/2 A1-22-6-1 "	4		6689 3-4/R

		CO	H2O		
6690 2/R	B3812A1-2-2-7-1	〃	3 large spots	N	7017
6692 3-4/R	B3812A1-2-2-9-1	〃	3	N	7018
6693 2/R	B3812A1-2-2-10-1	〃	1-2	M	7019
69 Check					7020
6695 1/R	B3812A1-2-2-12-1	〃 R-MR	1-2	M	7021
6697 1/R	B3812A1-2-2-14-1		1		7022
6699 2-3/R	B3812A1-2-2-16-1	MS	1? Hard to diss. acet C.D		7023
6701 1-2/R	B3812A1-2-2-17-1	E MR	1	M	7024

7025 B3812A1-2-2-17-2 E MR 1-2 M 6701 0-1/R

7026 B3812A1-2-2-19-1 E MR 0-1 M 6703 2/R

7027 HO-1-1,4033A4-38XB3812A1-2-2 (4532A1 6708
Spots are V. large but not so many as over 3 for number V. Good sd. g. type; tall stout straw R 4 M-L 2/R

7028 -2 MS-S 3-4 2/R
V. large spots

7029 HO-2-1-1 R 2-3? M 6709 2/M-R
Robust green straw, and a good sd grain type, smooth
Spots are small but some plants have quite a few.

7030 HO-3-1 R 1-2 M 6710 0-1/R

7031 -2 R 1-2 M 0-1/R

7032 HO-4-1-1 MS-S 0-1? M 6711 2/M-S
Hard to classify acc C.2. but appears clean.

6712 HO-4-2-1, 4033A4-38xB3812A1-22(45-32A1)
2/MS-R M-E R-Tr 2 M 7033
Water Has a very green straw when some rips, Trace C.O. and Some HO, but outstanding for green straw type, V. good long Sl g.

6713 HO-9-1-1
2/M-R E Segr R-S 1-2 M+L 7034
a very good Comm type for straw and g. Characters, Saved a lot long sl. type

6714 HO-11-1-1
3/R M R 2-3 L 7035
a 2 for HO but very green straw

6715 HO-12-2-1
3/R E R-MR 2-3 M 7036
Green straw when over ripe

-2
3/M-S MR-S 2-3 7037

6716 HO-13-1-1
1-2/M-R M S-MS 1 M 7038
green straw when over ripe in spite of C.O. Hard to classify but no H.D. noted

6717 HO-14-1-1
5/R M-E R L M-L 7039
V. green straw a good type but much H.D.

129 Check E ? 7040
Very little HO,

7041	HO-25-11, B4033A4-38XB3812A1-22 (4532A1)	E	S	?	E	6718 ?/S
7042	HO-24-1-1		R	4+		6719 5/R
7043	-2		R	2-3	W	V 3/M-R
	mostly 3 but a few cleaner plants Has very green stem + v. good long pl. type.					
7044	HO-29-1-1		MR	3+	M-L	6721 2-3/R(?)
7045	HO-33-1-1		S+	P+		6722 3/M-R
	looks to be clean but G.O. v bad + cannot classify					
7046	HO-34-1-1	E	R	4	L	6723 3-4/R
7047	HO-38-1-1	E	MR	4	M-W	6724 3-4/M-R
7048	HO-39-1-1		S	3-4		6725 3/R

(4532A1)

6726 2/M-R HO-40-1-1, B4033A4-38xB3812A1-22 S 2? 7049
Hard to classify exit C.O. but appears to be clean

6728 2-3/R HO-42-1-1 E S-MR 2-3 7050

6730 1-2/R HO-43-2-1 MR 3 7051
green straw

6731 1-2/R HO-44-3-1 M R 2-3 M 7052
Some plants are quite clean. Spots are very large on most plants but not so numerous. green straw

6732 1-3/R HO-44-4-1 S 3? 7053
bad for C.O.

6733 2-3/R HO-46-1-1 MS 3 l 7054

6734 3/R HO-48-1-1 VE R 4+ VL 7055

6736 1/R HO-49-3-1 E R 1 leg (few 2-3) l 7056
a few plants 2-3 but mostly clean
Very green straw

(4532A1)

7057 HO-49-1-1, B433A4-38xB3812A1-22 6736
E R 1-3 M+h 1/R
V. germination when compared to some very clear plants but others 3; sl gr smooth
V. good types

7058 HO-50-1-1 6738
MR 3 l 1-2 R-N

7059 HO-50-2-1 6739
R-MS 2-3 l 1/R-MR

7060 138
R-MR ½ l Check

7061 HO-51-2-1, B433A4-38xB3812A1-22(4532A1)
E. R-MR 0-1 M-L 6743
an excellent Bat type (may be later than 1381) 0-1/R

7062 HO-51-6-1 6744
E R-MR 2-3 M-L 1/R
like 7061 but appears to show more C.O.

7063 HO-52-1-1 6746
E 2-3 M 4-5/R
Hard to classify acct C.O. but prob not as bad as 4-5.

7064 HO-53-1-1 6748
M-E MR- 2- l 1-2/R

6749 HO-57-1, B433A4-38 x B3812A1-2-2 (4532A1)
4/R E-M MR 3- M 7065
v. green straw
Hard to class, and short C.O. apts

6751 HO-58-1-1
1-2/R E MR 1 M 7066

6752 HO-59-1-1
5/R V.E R-MR 3-4 L 7067

6753 HO-65-1-1
1/R E. R 2 3 Dry M-L 7068
(an occasional 3-4 plant)

6755 HO-66-2-1
1/R R-MR 4 M 7069

6756 HO-67-1-1
1/R RR 0-1 M 7070
Has very short straw, &
v. green straw, rather wide leaves, a good
line to cross with century.

6758 HO-69-1-1
3/M-R S 2+ L 7071
Hard to class, and C.O.

6761 HO-74-1-1
3/R MR 3 M 7072

7073	HO-751-1, B4033A4-38xB3812A1-2-2(4[illegible]2A1)	R	2-4+	M-L	6762 2-3/R
	most plants are 3+ an occasional plant has clean as 2.				
7074	HO-83-1-1 V. E	tr	1-V.L-	M	6763 3/R
	plants stay green v. long a fairly good long al grain type. very green stand when one ripe.				
7075	HO-86-1-1 VE	MR-MS	3	M	6764 2/R
7076	HO-89-1-1 M	R-MS	3	M-L	6765 4/R-MR
7077	HO-93-1-1 V.E	R	4	V.L.	6767 3-4/R
7078	HO-95-1-1 M	R	4	L	6768 3/R
7079	HO-97-1-1	R	4	L	6770 3/R
7080		S+	?		69 Checks

6772 3/R	HO-102-1-1 / B4033A4-38xB3812A1-2-2 [45-32A1]		H+S many large spots		7081
6773 3/S	HO-103-1-1	MR-R	5	M	7082
6775 5/R	HO-106-1-1	R	5	M-L	7083
6776 1/R	HO-108-1-1 VE Some v. clean plants otherwise heavily infected, no C.O.	RR	Segr 1-3	L	7084
6777 2/R	HO-110-1-1 E	R	3+	L	7085
6779 5/M-S	HO-109-1-1 ~~R~~	MR	5+	M	7086
6782 1/S	HO-113-1-1 VE No P.O. visible but can not classify, acct C.O. a v. good long slt grain, short straw	S+	I?	E	7087
6784 0-1/R	HO-114-2-1 V.E. Short, v. green straw + v. clean row — late rust, grain about a med + rough too easily threshed, good for Crosso One of cleanest	RR	0-1	L	7088

7089 HO-114-3-1, B4033A4-3R x B3812A1-22 (4533N) 6785 3/R
PR 1-2 L
a row much like 7088 but does appear to have more 1&0.
a clean row

7090 HO-116-1-1 6786 3-3/M·R
M MR 2-3 M-L
looks like a BK plant but has a BBt grain, is smooth.

7091 HO-118-1-1 6787 3-4/R
V.E MR 4 M-L

#0119
7092 B4525A1-1-1-1 (JPxR-7689) x (1645) (53-9xSF) 6788 4-?/R
E MR 4 M-L
#0119 Excellent strain, tall but very sturdy, a long SL grain.

7093 B4525A1-1-1-2-1 6789 1-4/R
MS Seg. 2 plants 1=1 1=4

#0119
7094 B4525A1-1-1-3-1 6790 1?/R-S
S+ ?

#0119 too much cassity.
7095 -2 1?/R-S
S 3?

#0119
7096 B4525A1-1-1-4-1 6791 4?/S?
MR-S 4 L

(4525A1)

6792 HO-130-1-1, B4033A4-38xB3812A1-2-2
1/MR MR-S 1-3? M 7097

6793 HO-131-1-1
2-3/R MR-R 3 M 7098

6794 HO-135-1-1
1/R E MR-MS (1-3?) L 7099
(med-g rough, good to cross with Calrose + Calrose + BR types?)

129 Check 7100

6796 HO-143-1-1 B4033A4-38xB3812A1-2-2 (4525A1)
0-1/R VE R 2 M-L 7101
Sig rough & smoothly, sturdy straw V. green stem when ripe, long sl. gr. maybe cleaner than a 2

-2
0-1/R R 1-2 M-L 7102
V short straw, otherwise like 7101

-3
0-1/R 2+ 7103

6797 HO 144-1-1
0-1/R M-E R 1-3 M 7104
Still seg for resistance

(4525A1)

7105	HO-144-2-1-B4033A4-38xB382A1-22	M	R	4+5	M	6798 3/R
	not nearly as clean as 7104					
7106	HO-147-1-1	R		4+	E-M	6799 5/R
	Has very large spots that were thought to be N.B.					
7107	HO-157-1-1	R		4	W	6801 3/MR-S
7108	HO-161-1-1	M-E	M	S-5	1-3?	W	6802 1/R
	Very strong long-el grain smooth stand to tell whether L.O. or E.O. Some plants appear to be Hie. nana leaves + spear panicle					
7109	HO-165-2-1	E	R-MR	5		W	6804 3/R-MR
	Indian varieties					
7110	HO-167-1-1	F	MR	3		M	6806 2/R
7111	-2	E	R	3		M	2/R
7112	HO-170-1-1		MR-R	4			6807 3/R

(4525A1)

6809 1-2 R-MR	HO-174-1-1	B4033A4-38 X B3812A1-2-2	M	R	4	L	7113
6810 1 R	HO-179-1-1			R	3-4	L	7114
6812 2 R-MR	HO-194-1-1			St	?		7115
6813 1 R	HO-192-1-1		E	R	3	L	7116
6814 3 R	HO-193-1-1			R	5	M	7117
6815 2 R	HO-191-1-1			R & MR	5	M	7118
6816 1-4 R	HO-205-1-1			R	4	L	7119
38 Check				MR	4	L	7120

OS

					(4525A1)
7121	Ho-213-1-1, B4033A4-38 x B3812A1-2-2	St	?		6717 2/S
7122	Ho-214-1-1	S			6818 1/R
7123	Ho-223-1-1	MR+R	4		6819 2-3/R
7124	Ho-227-1-1		3-4		6821 1/R
	a very good type, short sturdy straw, sl. gran, too much id. D				
7125	Ho-241-1-1	R	4		6822 1/R
	v tall				
7126	Ho-242-1-1	R	4		6823 4/R
7127	Ho-246-1-1	R	2		6824 1/R
7128	Ho-252-1-1	R	3		6825 1/R

(4525A1)

6825 1/R	HO-252-1-2 B4033 A4-38 x B3872 A1-2-2	R-MR	2		7129
6826 2/R	HO-255-1-1	R-MS	3	V. large spots	7130
6827 2/R	HO-256-1-1		3		7131
6828 1/R	HO-256-2-1	R	2		7132
6829 4/R	HO-258-1-1	MR	4		7133
6830 3/R	HO-259-1-1	St	?		7134
6831 1/R	HO-261-1-1	M MR	1-3	n	7135
6832 1/R	HO-264-1-1	MR-MS	3T		7136

(4525A1)

7137	HO-268-1-1, B4033A4-38xB3812A1-2-2		3 M	6833 Not Classified
7138	-2		4	6833 1/R
7139	HO-275-1-1	R	4	6834 2-3/R
7140		S+		169 Check
7141	HO-279-1-1, B4033A4-38xB3812A1-2-2		2	6835 2-3/R
7142	HO-281-1-1 Vplant stour	RR	0-1	W 1/R 6836 one of very best for plant type in 1950 and 1949
7143	-2 Gordyas clean as 7142 + taller	RR	1-2	1/R
7144	-3	RR	1-2	1/R

(4525A1)

6836 Ho-281-1 x B4033A4-38 x B3812A1-2-2
1/R One of very best for plant type (1-3 deg) L 7145
RR
Some very clean plants

6837 Ho-282-1-1
2/M-R MS-S 3 7146

6838 Ho-284-1-1
2/R MR 4, 1 7147

6839 Ho-285-1-1
1?/R Rough S 3? 7148

-2
1?/R Smooth S ? 7149

6841 Ho-285-2-1
2/MR-S MS 3 7150

6842 Ho-289-1-1
Not Classified S ? 7151

6843 Ho-292-1-1
2/MS S ? 7152

			4525A1	
7153	Ho-292-1-2 B4033A4-38 x B3812A1-2-2	MS	3	6843 2/MS
7154	Ho-294-1-1	S+	?	6844 2-3/S
7155	Ho-294-2-1	S+	?	6845 ?/S
7156	Ho-294-3-1	MR	4	6846 4/R
7157	Ho-302-1-1	RR	1-3	6847 2-3/R
7158	Ho-303-1-1	MR	3	6848 4/S
7159	Ho-328-1-1	MR	3-4	6850 4/R
7160		S+		129 Check

(4525A1)

6851 HO-330-1-1, B4033A4-38 x B3812A1-22-2
1/R Dwarf 2 7161

-2
1/R Dwarf 2 7162

6851 -3
2-3/M-S Normal MS-S)? 7163

6852 HO-335-1-1
Not Classified St ? 7164

6854 HO-339-1-1
2?/MR M-E MS 0-1? M 7165
appears to be clear for H.O. hard to classify act. C.O. Long (smooth type, V. good plant type) (Leg. very short)

855 HO-339-2-1
? M-E MS 0-1? M 7166

856 HO-341-1-1
2/R-MR R-MR 0-1 M. 7167
an outstanding BC type, V. green stem when immature, Quite heat for H.O. practically no C.O.

6858 HO-342-1-1
?/S St ? 7168

(4525A1)

7169 HO-343-1-1, B4033A4-38xB3812A1-22 6861
S+ ? 3/MR

7170 HO-346-1-1 S+ 1? 6862
3/MR-S

7171 HO-348-1-1 MR 3 M 6863
V. green shan, fan for L.A 3/R-M

7172 HO-350-1-1 MR 2-3? E 6864
3/R

7173 HO-361-1-1 MR- 1-2 M 6865
3-4/R

7174 -2 E MR 1-2? L 6867
V. good Patna g. type and plant 3-4/R
characters, green shan

7175 HO-361-2-1 E MR 3+ M 6866
3/R

7176 HO-364-1-1 T. Patna x B3812A1-22 6868
VE RR 0-1 W 1/R-MR
a smooth sl. grain. One of
clones for H.A. No. C.O.

6871 HO-364-3-1 T. Patna x B3812 A1-2-2
2?/s MS 0-1 L 7177

6872 HO-367-1-1
1-2/s RR 2-3 L 7178

6874 HO-367-3-1
?/s E MS-MR 1 L 7179
V. good long sl gr type

13
Check E-VE R-MR 4 L 7180

6878 HO-369-3-1 T. Patna x B3812 A1-2-2
3/mR R-MR 3-4 L 7181

6879 HO-371-1-1
0-1/R R-MR 0-1 M-L 7182
(almost a med-gr type) Sand M

-2
0-1/R RR 0-1 VL, 7183
Uniform type & med. one of cleanest not injured on 10/17. Except lsh.

6181 HO-371-2-1
0-1/R Very Good Quality 7184
M-E R 0-1 M-E
Send this to J. W. for Japan. Is short plant with fine med-gr. rough.
Send C. O. on 11/2/50

7185	M Very good Quality	R	0-2	M-E	6181 0-1/R
	like 7184				
7186	HO-375-2-1	MS	2	L	6885 1/MR-M
7187	HO-375-7-1	RR	Seg 2-3		6890 1-2/R
7188	HO-377-3-1	St	?		6893 1-2/MS
7189	HO-385-1-1	St	3+?		6894 1/MS
7190	HO-386-1-1	MS-S	3?		6896 3/R
7191	HO-387-1-1	R-MR	4+	E-M	6899 3-4/S
7192	HO-388-2-1 M	RR	4	L	6903 1/R

6905 HO-389-1-1, T. PaTm2 x B3812A-1-2-2
8/S MS 2 L 7193

6911 HO-398-1-1
2-3/R M R-MR 4 M 7194
9 med-g type, smooth, good pl
Characters, lt green stem

6916 HO-411-1-1
3/R E RR 3 M 7195
v. good plant & grain characters

6922 HO-418-1-1
3/MR R 3 7196

6925 HO-420-2-1
2-3/MR MR-MS 2-3 L 7197

6926 HO-421-1-1
1/m S 1? 7198
appears to be a 1

6927 HO-421-2-1
1/mR Very Good Quality 7199
MR-R 1-2? L
many spots on some leaves but very small
may be quite resistance, may be segr.
solid Clarinet

69 Check 7200

7201	HO-4292-2-1	E	MR	1	M	6930 Y/R
	Shd shod slow, rough.					
7202	-2		MR	1	M Short Grain	6930 Y/R
	Segregation type 2 plant					
7203	HO-431-1-1	M	RR	2-3	M	6931 Y/R
7204	HO-432-3-1		R	2-4	Short Grain Very Good Qual.	6934 Y/R
7205	-2			3		Y/R
7206	HO-434-2-1			4		6936 Y/R
7207	HO-4343-1		MR	2-3	M L	6937 Y/R
7208	HO-436-2-1		No Comment			6946

6947 HO-437-1-1 TPatna x B3812A1-2-2
MR 1 L 7209

6949 HO-438-1-1
E R 1 L 7210
V small spots → good plant type

6953 HO-439-2-1
3-4 7211

6956 HO-440-2-1
1/R F3 7212

6959 HO-441-3-1
No Comment E R 1-1 L 7213
Erect flags, long leaves
fine stained type

6961 HO-441-4-1
1/R R 0-1 L 7214
Possibly cleaner than 7213
Similar plant type to 7213 (V. good)

6963 HO-442-2-1
S 7215

6965 HO-444-2-1
R 4 L 7216

7217	HO-444-2-2	T. Patna x B3812 A1-22	VS	R	4	L	6965
	Unmuch like T Plud Comst.						
7218	HO-445-3-1		M	R	2-3	L	6968
7219	HO-446-2-1				3-4		6971
7220					ST ?		129 Check
7221	HO-447-3-1	T. Patna x B3812 A1-22			3?		6974
7222	HO-448-2-1			R	4		6977
	V Tall						
7223	HO-449-1-1				3		6979
7224	HO-451-1-1						6982
			R-MS		1-4	L	

6985 HO-452-1-1 T. Patha x B3812A1-2-2 7225

6986 HO-452-2-1 7226

6989 HO-453-1-1 R 1 2-3 L 7227
1/R

6990 HO-453-2-1 RR 3 R VL 7228
3/R
Very grain stage
Uniform + good veg character
Rough sl. gr. v. good grain

6992 HO-454-1-1 7229
S

6994 HO-456-1-1 M-E R 1 L 7230
2/R
a v good growth long gr. type
v grain shape

- 2 R 1 L 7231
2/R

6997 HO-458-2-1 7232
S

7233	HO-459-2-1	T. P. Tm2 x B3812A-1-2-2	S		6999
7234	HO-460-1-1	VE	S	W	7002 1/R
7235	HO-461-2-1	VE	MS		7004
7236	HO-462-2-1	V			7006 ?/R
7237	HO-463-2-1		S		7009
7238	HO-463-5-1		S		7012
7239	HO-464-1-1		1-2?		7014
	good Pasture g. type Sm				
7240					138 Check

7016 Y/R	HO-466-1-1, T. PaTna x B3812A1-2-2		✓		7241
7017 O-Y/R	HO-466-2-1		1-2	V,L,	7242
7019 Y/R	HO-467-1-1	VS R	0-1	V.L	7243
7023	HO-468-2-1	S			7244
7025	HO-471-2-1	MS			7245
7027	HO-471-4-1	R	4	VL	7246
7029	HO-474-2-1	S	✓		7247
7031	HO-476-1-1	S	✓		7248

7249	HO-477-1-1, T. Patha x B3812A1-2-2	7032
7250	HO-478-2-1	7035
7251	HO-479-1-1	7036
7252	HO-480-1-1	7039
7253	HO-481-3-1	7045
7254	HO-481-5-1	7047
7255	HO-482-1-1	7048
7256	HO-483-1-1	7049

7050 HO-484-1-1 T. Patna x B3812A1-2-2 7257

7051 HO-485-1-1

V.E, R 0-1 V.L 7258

V wide lines, short plants
last very clean

-2

VE R-MR 0-1 M 7259

Had V short, V stunted others, V wide leaves
Med-gr. type rough

69
Check ST 7260

7051 HO-485-1-3, T. Patna x B3812A1-2-2 7261

R-S 0-1 M-L

7052 HO-485-2-1

S? 0-1? E? 7262

Check this row Confusion
prob as early type, Both dust
when bruised Smooth

-2

V.E Seg R-S (0-1?) Seg E-L 7263

Some plants appears V. clean Seed
earlier Smooth

7053 HO-484-2-1

0-1? 7264

E S ? L

a V. good T Patna type, to
wipe to Classify

7265	HO-484-3-1	T. Patna x B3812A1-22				7054
	like 7264					
7266	HO-486-1-1					7056
7267	HO-486-2-1	E	RR	3-4	VL	7057 Y/R
7268	-2		RR	3		Y/R
7269	HO-488-1-1	R	1-2	L		7058
7270	HO-490-1-1	S				7061
7271	HO-489-1-1		1-2?	M.		7062 Y/R
	Probaclean Row					
7272	-2	VE	RR	0-1	Late	Y/R
	a short stemmed, very clean Row					

6415-6424 7273

6415-6424 7274

-1025
250-121 X Mag 7275

-1029
250-121 x Mag. 7276

-1045
250-121 x Mag. 7277

-1052
250-2-2 X (250-121 x Mag) 7278

-1061
250-3 X mag. 7279

129
heck 7280

7281 C·1098
250·129 x Mag

7282 180059

7283 173996
Zayas Bazan

starting to bid on 10/25
fully loaded about 11/1/50

7284 T 958 ✓

7285 T 902 ✓

7286 T 903

7287 T 909

7288 T 910

T911	7289
T912	7290
T913	7291
T918	7292
T947	7293
T1462 - Purple plant	7294
T1550	7295
T1570	7296

IB

7297	Long grain Red	from Rivers-producers Rice Drying Co.
7298		
7299		
7300		
7301		
7302		
7303		
7304		

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03 HELMINTHOSPORIUM ORYZAE

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Slightly revised now

6936

fleckings
no large spots
Size of spots

7/8 Record is harder to thresh than Resoro but there appeared to be more chickens although the rice was not as ripe. yield was slightly better than Res. Straw greener + more vigor throughout the year.
Thought 7/8, 4 to 5 days later than Res. Sown around the 1st of May or earlier
Dr 10/12/50

1.45 C
Fi.N

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Prelim

160
32
192
32
224
32
256
32
288

Huddleston

Hulled 4 # cleaned Bkt

1 = 2 Red
1 = 0 "
1 = 3 "
1 = 3 "

4 = 8 Red or 2 per lb.

Before cleaning

1 = 6 Red
1 = 3 Red

2 = 9 or 4½ per lb

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (*a*) Methods (*b*) Dates
5. Size of plot:
   (*a*) Area in square feet (*b*) Number of rows
   (*c*) Length of rows (*d*) Width of rows
6. Fertilizer: (*a*) Pounds per acre
   (*b*) Analysis (N–P–K) (*c*) Time of application
   (*d*) Method of application (*e*) Side dressings
7. Planting: (*a*) Date (*b*) Rate (*c*) Method
8. Thinning: (*a*) Date (*b*) Method (*c*) Approximate optimum spacing attempted
9. Cultivation: (*a*) Implements used (*b*) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
   (*a*) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and, in serious attacks, estimating crop loss. For example, FW *5/35–7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
   (*b*) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

U. S. GOVERNMENT PRINTING OFFICE 453682

In seeding clovers on
S 3, Head row plots grown
in 1950 Moreno seeded as
7 follows.

Blocks estimated to be
105 feet wide (7 feet allows for
lunce)
and 110 feet long.

more 11, 550 sq feet in
area or 26.5 % of an
acre.

will use 1.3 lbs clover
seed per block.

161	B4045847-1, Glut. Roque	1101		9/27	52
	Do for milling	196			
162	C.I.5309, Glut.	1102	8/20	9/18	63
		197			
163	C.I.7132, Glut.	1103	8/24	9/18	67
		198			
164	C.I.3625a, Glut.	1104		9/30	55
		199			
165	B323B39-13, Nat'l Cross	1105			48
		190			

Short straw, bad for H.O; short heads with grains sparsely spaced, sturdy straw, rough; good for crossing purposes for BK grain type, glut nice.

badly lodged on 9/26, Too tall, very long lids.

standing 0.15. on 9/26 also too tall but standing better than 5309.

mixed with CI-7132

clean for H.O, very short sturdy straw; green leaves; med gr, smo
Watch, Uniform bt + Mat

161

162

163

164

165

166	B4045 B44-13, R-SBR x BR41	1106 193				51
167	Early Prolific	1107 162	8/21		9/24	57
168	B44-2047, Sm. E. Prol. Sel.	1108 163	8/24			54
169	Edith, C.I. 2127	1109 164	8/24		9/23	56
170	B3810A1-17-1-1, Sel. S-EP x CA-Cdy	1110 161	8/17	8/26	9/21	49

Bad for C.O. short lint, smooth med gr. no value

Uniform Prolific type

Sturdy strawed, smooth med grain type; no value

Typical Elliott
Mixed seeds for requests

Very easy to thresh; a rough hulled short strawed type. Possible value in crosses.

171	Hyb Mix-11-47-6, Early Short-grain Bulk 1111 188	8/24		48
172	B46-3046-12-2, K-H×BR(Roque) 1112 2535		9/27	48
173	B437A1-6-1-17-4, SmBR-BR41×8323 1113 2134	8/20	9/27	47
174	B4545A1-1, TPx Hill Med 1114 171		9/28	48
175	Hill Medium (ANSELINE) 1115 168	8/23	9/25	46

Jap straw type, thin stem some variation but a very long plot. 2 a smooth Jap type grain is full and quite long, good to grow with Colfax'd Extremely uniform hit & maturity and very easy to thresh, a smooth med-gr type, V. green straw adv. for some

Very uniform hit & matt, slick straw; a large grained BK type, V good

Hard to thresh; slick heads, a good fine med-grain type, gold bulky Disc acc, hard to thresh V. good straw.

Shorter straw & short-grain than 174 - easier to thresh

176	B45-15-5-4-2, Hill Med x Z 1116 2062	8/22	9/24	52
177	B45-15-4-3, Hill Med x Z 1117 15	8/24	9/28	52
178	B44-2647-3-1-4, Hill Med. Sel. 1118 26	8/25	9/30	47
179	B45-14-1-7-2, Hill Med. Sel. 1119 25	8/24	9/27	49
180	B45-15-1-3-5-1, Hill Med x Z 1120 3483	8/19	9/24	51

Looked more like Zenith than any of the others Hull Ind x Ty segs. sl. taller + better heads, possibly increase in 1951 most to hand to thresh

Softer than Z, good straw + good med gr type, sl. easier to thresh than others

Too hard to thresh

Drug. bt, straw stalks v. good amt, med gr type but very hard to thresh many short heads

Easier to thresh than most Hull Ind x Z. Do one of best Am. Z types

181 B45-15-1-1-6-3, Hill Med x Z 1121 2013 — 8/24 — 9/28 — 48

182 B45-15-1-8-4-1, Hill Med ~~8~~ x L 1122 2037 — 8/21 — 9/22 — 47 — dead

183 B45-15-5-10, Hill Med x Z 1123 12 — 8/19 — 8/26 — 9/21 — 48 — dead

184 B411A3-7-2, 8323 x Z 1124 178 — 8/19 — 9/24 — 48 — dead

185 1125 179 — 8/18 — 8/24 — 9/25 — 45 — dead

gold bulls fairly hard to thresh, grain most too full

Very uniform ht & mat, short sturdy straw, earlier than Z. Hard to thresh

much like sel in field plots (same), & easier to thresh than some

Straight rough, Hdbl - & easier to thresh than Hdbl Sel No Z.

also easier to thresh than Hdbl Sel Z
Very short straw, uniform ht

186	B456YA2-11-3 Bruin Sel x2	1126	8/20	8/26	9/23 57
	cut grain / Watch for pumice / Select breed mice.	2298			
187		1127	8/17	8/24	9/19 46
	dsc	173			
188		1128	8/20		9/25 50
	dsc	177			
189		1129	8/20		9/27 47
	dsc	2196			
190		1130	8/22		9/27 45
		176			

Taller than Hulsund x 2 sel
but prob. no taller than 7.
good straw and an excellent
grain shape, Sum. easy to thresh

Very easy to thresh;
short straw, uniform, grain
badly discolored when over
ripe.

A good plot easy to
thresh; kernel gr. longer
than Bk. V. good

much like 188 but
sl. shorter straw

Prob. border to thicker than
1888 189, much shorter
straw very uniform ht.
later than 188+189.

		DATES HEADING 1ST FULL	DATES FULL RIPE	PLANT HT. (IN.)
			9/30	52
191	1131			
disc	181			
		9/19	9/25	9/22
192	1132			
disc	183			
		8/20	5	
193	1201			
disc	24			
B459A 1-117-1				
Prob. the tallest standing wedge				
		8/20		
194	1202			
disc acct				
very grassy type				
Water	4413			
		8/21		
195	1203			
disc	187			
no value				

Too tall & too much
sterility. Fairly easy to
thresh.

fairly easy to thresh
Dirty lint, early

much easier to thresh
than Hill Net & R. A shot
sturdy stemed type
Leg. for spring type
Sels made for Br. Imp.

8/21

196 1204

dwi 186

8/20 8/26

197 1205

dwi 2144

8/22 9/26 48

198 1206

56

8/24 9/27 48

199 1207

dwi 203

appears to be a little
plot than either 198 or 200

Al plants than last - not
as heavy a plot. No need
for continuing to grow
thru and 200 + 198

8/25 9/27 48

200 1208

360l

dlw

201 1209

210

Prob as late as 54
B&B. If so it has
much promise
as a mature
potter Type
V Green Stone
8/23 9/24 50 on 11/6

202 1210

205

203 1211

206

204 1212

207

a late type

earlier than others which follow. Has a long, slender grain.

205	1218	208
206	1214	3509
207	1215	3510
208	1216	3511
209	1217	209

210	1218		late type	52
	211			
211	1219		V. late type	54
	212			
212	1220	8/24	9/26	51
	170			
213	1221	8/22	9/24	53
	204			
214	1222	8/23	9/25	53
	3595			

Adv

Too much later than original
Too a shorter grain type than original

Adv

Adv

Looks better than Century
may be a hybrid
V. good

215 dead	1223 3555		late type	54
216	1224 3561		late type a long, g type	54
217	1225 214	8/23	9/22	53
218 dead	1226 213	9/23	9/22	53
219 Cut all roots	1227 3512			48

Stan. bulls.

Standing butter bull
no later

Uniform lot; bull Lake 218;

Rather tall, irreg. lot

220 cut all rnd	1228	3513	48
221 cut all rnd	1229	3514	48
222 adv	1230	219	48
223	1231	216	50
224	1232	215	50

all kinds alike

excellent straw, V green straw, still standing
O.K. on 11/5

a med gr type, CO resist, short, very stubby straw,

Prob C.O. resistant,

8/10 Sey

225 1301
234
disc

226 1302
235
disc

227 1303
236
disc

228 1304
2970
disc

229 1305
81
Adv
on avatar & plat

Very short straw, Ulong gr.
sl. fuller than Rexoro?

V. short straw, standing
o.k. on 11/6. 9 long sl
grains, straw hulls

230 1306

3022

231 1307

266

232 1308

269

233 1309

270

234 1310

271

235 1311

273

disc

236 1312

244

disc

237 1313

238

8/19

238 1314

227

disc

239 1315

disc

229

I had a badger much more than others

An outstanding midseason plot. Has a grain as long and job as full as best, gold bulls

240 1316

252

Mar

8/24

241 1317

230

242 1318

231

243 1319

4690

Mar

Bird Type

244		1320				
245 disc		1321	9/24			
246 disc		1322				
247 disc		1325				
248 disc		1324				

BBt type

249 1325

250 1326 8/24

251 1327 Do not BBT

252 1328

253 1329 Dan

2s standing much better than B/St types on 11/8; 2s more slush grain type

prob. later than Rex. Has very green stems on 11/6 and no great spinning

254 1330

255 1331

256 1332

257 1401

258 1402

259		1403
260	lodged Peter Heer Peters	1404
261	lodged	1405
262		1406
263		1407

264	1408		
265	1409		
266	1410		
disc			
		8/22	
267	1411	S	
		8/22	
268	1412		
disc			

			8/19
269		1413	
dise			
270		1414	
dise			
271		1415	
dise			
272		1416	
273		1417	
dise			

B455B

274 1418

B455B2-11-2, BBt × (TP×R-SBR)

275 1419

cut all rows
Put in field-table if possible

Is a short strawed BBt type still standing O.K. on 4/6 8/12 8/21

276 1420

277 1421

278 1422

An outstanding green strained Patna type, straw hulls, good straw, late but extremely hard to thresh

279		1423				
280		1424				
281		1425				
282		1426				
283		1427	8/12	8/26		

adv
Looks very good
mitoscan
May be better than Pitman type
Print & Stencil
Standing well
on 11/8/50

284 1428

dwc Better than adjacent plots

285 1429

dwc

286 1430

dwc

287 1431

dwc Check 2 pure Breeding grain types Br. Swamp & Tickseed Sun

288 1432

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~~300~~

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~~302~~

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U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY

Division of Cotton and Other Fiber Crops and Diseases

Seed

16
13
32
16
200

3 ✓
4 ✓
5
8 ✓
9 ✓
(10) ✓
11 ✓
12 ✓
(13) ✓
14 ✓
15 ✓
16 ✓
21 ✓
33
34 ✓
36 ✓
38 ✓
(40)
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45 ✓
46 ✓

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48 ✓
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275
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131 ✓
135 ✓
136 ✓
137 ✓
140 ✓
141 ✓
142 ✓
143 ✓
144 ✓
275

14 grams

A 48

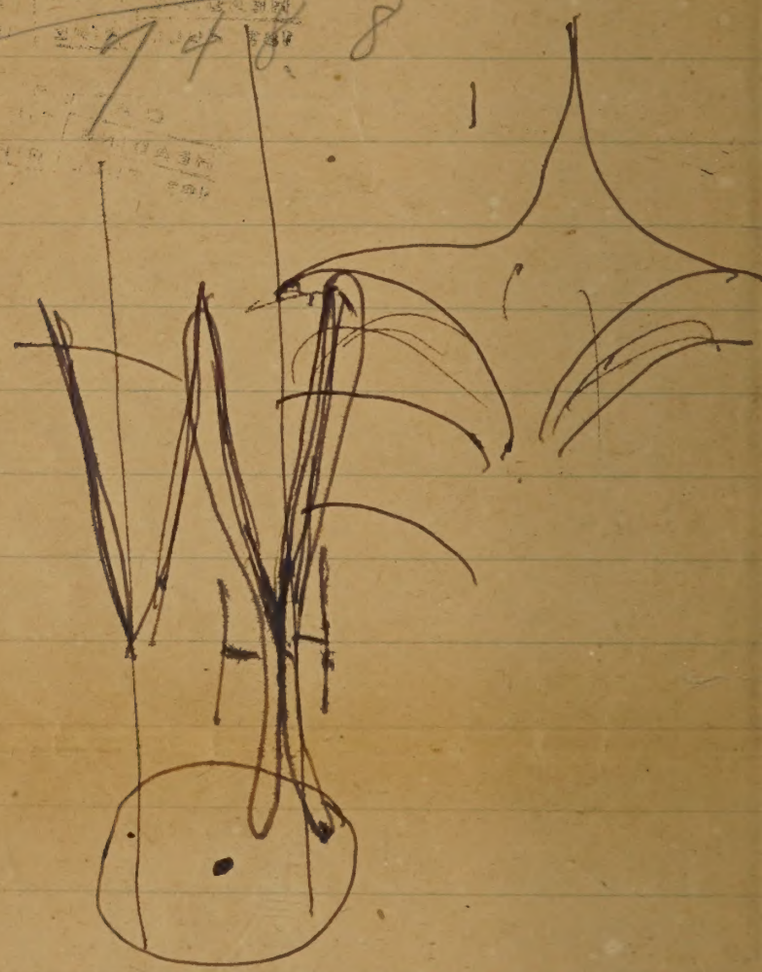
8	Magnolia
11	Zenith
47	Century 231
44	Bluebonnet
43	Rexark
68	Dynpro, BRT
106	BY38A1-104
107	BR
110	C6-I225212
129	C3-12
131	Rexon
140	T. Patra 49

9.
74
123
156

12/48

ENVELOPES.

15;6
48
1248
624
1248



14/4
12 pkg
8
0954 00

Watch for 459A1-117-1
Lines in Br. mus for med-gr
early variety.

Harvest from Prel. nursery.

161 ✓

~~186~~ no seed left in field not ~~th~~

219 } T P x R - S BK
220 }
221 ✓

Possibly (222 + 223 BKS Seb ✓)

275 ✓

282 ? ✓

1950

E. Pl. T.

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Field Plots

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (*a*) Methods (*b*) Dates
5. Size of plot:
   (*a*) Area in square feet (*b*) Number of rows
   (*c*) Length of rows (*d*) Width of rows
6. Fertilizer:
   (*a*) Pounds per acre
   (*b*) Analysis (N–P–K) (*c*) Time of application
   (*d*) Method of application (*e*) Side dressings
7. Planting: (*a*) Date (*b*) Rate (*c*) Method
8. Thinning: (*a*) Date (*b*) Method (*c*) Approximate optimum spacing attempted
9. Cultivation: (*a*) Implements used (*b*) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
   (*a*) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and, in serious attacks, estimating crop loss. For example, FW *5/35–7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
   (*b*) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

U. S. GOVERNMENT PRINTING OFFICE 453682

White Tip notes:

0 = none
T = One or very few plants affected
1 = less than 10 %
2 = at least 25 %
3 = over 50 %
4 = Practically all plants
5 = " all leaves

337

338

339

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360

Calculate moisture at 13.5%

Early most shorts mid-season var

	EARLY Prolific	23	8/17	8/25	9/19	59	
361	C.I. 5883	54					
	(1)	72					
		113					
	LaCrosse-250	24	8/14	8/25	9/18	50	
362		51					
	Seed saved (5)	76					
		116					
	Zenith	26	8/18	8/25	9/15	53	
363	C.I. 7787	50					
	Seed saved (6)	74					
		114					
	B431/A2-23-1-1,	28	8/12	8/20	9/13	46	
364	SmBR-BR41x	56					
	8323-Z (20)	73					
	Seed saved	117					
	Magnolia	25	8/15	8/22	9/13	54	
365	C.I. 8318	52					
	(13)	78					
	Seed saved	115					

Formula = $\frac{\text{wt} \times \% \text{ dry matter}}{86.5}$

1/71 acre plots 6' x 102.2'

Calc of yield = total wt 4 plots at 13.5% moist x 17.75 = lbs per A.

Lodging	Wt. per T.
0	2
0	1
0	2
0	3
0	1

Very tall, lower leaves semi spreading but later leaves very long and still erect on 8/15.

V. wide leaves, semi spreading, fairly tall, lighter green than Ep or Mag. Some stability but not nearly as bad as 364 and 367. Possibly more leaves than other ones.

Hardly as tall as Ep & Mag, wider leaves than Ep. lighter in color than Ep & Mag. All heads very well filled.

V. dark green color, about as tall as Ep, semi spreading growth habit, leaves no wider than Z. (V. good) many slender florets on most panicles, very few straight heads.

V. dark color as tall as Ep, semi spreading leaf habit, wider leaves than Ep.

. x 100 = what is 57 moisture

42.00	11.76	88.24	42.8		
44.25	11.50	88.50	45.3		
43.75	10.60	89.40	45.2		
50.00	12.66	87.34	50.5		
			183.8	72.5	3262
47.50	11.66	88.34	48.5		
37.50	12.30	87.70	38.0		
32.75	11.36	88.64	33.6		
46.00	12.56	87.44	46.5		
			166.6	65.7	2957
37.5	11.46	88.54	38.4		
38.0	11.76	88.24	38.8		
35.5	10.90	89.10	36.6		
42.0	12.56	87.44	42.5		
			156.3	61.6	2774
43.5	11.30	88.70	44.6		
42.5	11.15	88.85	43.7		
31.25	11.05	88.95	32.1		
39.25	11.55	88.45	40.1		
			160.5	63.3	2849
46.0	11.84	88.16	46.9		
44.25	12.24	87.76	44.9		
39.25	11.64	88.36	40.1		
47.50	12.19	87.81	48.2		
			180.1	71.0	3197

366	Prelude		22	8/18	8/31	9/20	59
	C.I. 8311		53				
		(47)	75				
			188				
367	B45-15-5-10, Hill Mod x 2		27	8/14	8/22	9/11	48
		(12)	55				
			71				
			119				

Seed saved

Early mat long pod - gr. run

368	Rexark		1	8/24	9/4	9/30	55
	C.I. 8644		47	Some early rogues as early as 8/19			
		(8)	92				
			121				

get seed seed saved

369	Century-52		2	8/25	9/4	9/29	55
		(4)	44				
			98				
			124				

Seed saved

				8/15
0				2
0				2
ln				1
0				0

fairly tall, wide leaves, dark color, fair tillering.

Sl. shorter than Zenith, darker green and wider leaves. V. good tillering, many straight-heads produced in these lots. do not appear to be typical straight Sd.

Leaning badly on 10/3 and leaves showing more discoloration than Century 52

Sl. taller, darker green, narrower leaves, than Rexark on 8/15 Stems as large as Rexark, spreading leaf habit.

44.00	11.86	88.14		44.8		
41.25	11.60	88.40		42.2		
36.50	10.96	89.04		37.6		
46.75	12.66	87.34		47.2 ✓		
			✓	171.8	67.8	3049 ✓
36.50	11.34	88.66		37.4		
34.00	11.20	88.80		34.9		
34.75	11.40	88.60		35.6		
43.50	12.40	87.60		44.1 ✓		
			✓	152.0	60.0	2698 ✓
53.25	11.96	88.04		54.2		
44.50	11.36	88.64		45.6		
48.50	14.90	85.10		47.7		
48.00	12.56	87.44		48.5 ✓		
			✓	196.0	77.3	3479 ✓
56.25	11.10	88.90		57.8		
49.50	11.46	88.54		50.7		
53.25	14.96	85.04		52.4		
61.25	12.30	87.70		62.1 ✓		
			✓	223.0	88.0	3958 ✓

370	Hill Patna	(40)	6 45 95 122	8/24	9/14	10/4	63	
371	B45-2382, BBt Sel	(Winterman Fd)	3 49 93 125	9/31	9/7	9/30	56	
372	C4-II-1-8, R x BR-R	Crowley	7 46 96 126	8/31	9/8	10/2	61	
373	Century-231	Head Row	5 43 94 120	8/19	8/28	9/20	52	9/2 9/2
374	B4031A1-24-1-2, TP x R-SBR	71	4 48 97 123	8/27	9/7	9/28	53	

0				0
0				0
ln				0
0				T
0				1

very wide leaves, about as tall as Century-52, very leafy growth, good color, stooling better than usual.

same lf as Century-52; wider leaves than Resark color and habit as dark as cent 52 on 8/15. Less stems than either Cent or Resark, erect leaf habit,

Tallest in group on 8/15; much heavier vegetation than any other variety; V. long leaves spread forming a carpet in appearance. 1st shows leaning badly on 9/17, not straightened up on 9/26

Like Century-52 on 8/15, except taller due to earlier maturity and so in heavy boot, V. dark green color

very erect leaf habit, leaves did not spread like century; light green color, not as tall as Century 52 Poor, poorest vegetative growth in group on 8/15

46.25	12.30	87.70	47.9			
43.75	12.05	87.95	44.5			
36.50	12.40	87.60	37.0			
45.25	12.05	87.95	46.0 ✓			
			✓ 175.4	69.2 ✓	3113 ✓	
52.25	11.40	88.60	53.5			
48.75	11.96	88.04	49.6			
43.25	13.60	86.40	43.2			
54.0	11.76	88.24	55.1 ✓			
			✓ 201.4	79.4	3575 ✓	
54.00	12.15	87.85	54.8			
49.75	11.45	88.55	50.9			
47.75	15.10	84.90	46.9			
52.25	11.90	88.10	53.2 ✓			
			✓ 205.8	81.2	3653 ✓	
46.25	12.20	87.80	46.9			
51.25	12.00	88.00	52.1			
45.00	12.10	87.90	45.7			
57.75	12.15	87.85	58.7 ✓			
			✓ 203.4	80.2	3610 ✓	
54.00	12.74	87.26	54.5			
49.00	11.94	88.06	49.9			
46.75	14.44	85.56	46.2			
54.00	12.69	87.31	54.5 ✓			
			✓ 205.1	80.9	3641 ✓	

midseason maturing long and long

375	Nira C.I. 2702 Seed Source	(68)	13 58 90 140	9/7	9/17	10/5	72
376	T. Fortuna C.I. 1344 Seed Source	(70)	10 63 85 139	8/29	9/7	10/1	62
377	B47-3743, BBt. Sel. Seed Source	(90)	11 57 91 135	9/3	9/13	10/5	57
378	RN C.I. 8975 Seed Source	Head Row	9 60 89 136	9/4	9/14	10/3	58
379	Bluebonnet C.I 8322 Seed Source	Head Row	12 59 87 134	8/31	9/9	10/1	60

	0				0
	0				1
	0				0
	0				T
	0				0

Extremely tall, long spreading leaves. V. dark color. Only fair tillering.

Entirely too tall & not enough tillering

One of heaviest for veg. growth, rather wide leaves, tall ~~[illegible]~~ spreading leaf habit.
Taller than any other var, except mira, very leafy

much like 2mp. BBt but sl. narrower leaves & sl. taller, good color, semi-spreading leaf habit.

Sl. later maturing than 2mp BBt, looks much like 2mp BBt in habit may be showing some variation in grain length & breadth, wide leaves, erect leaf habit of veg. growth, dark green color, larger tillers than 2mp. BBt,

larger stems than 2mp BBt, heads more erect, v. good.

not as tall as BBt Sel, darker green color, wide leaves, appears to have larger tillers than BBt Sel or 2mp. BBt,

good but drying out faster than any other var.

41.00	11.69	88.31	41.9			
36.50	11.44	88.56	37.4			
47.25	12.24	87.76	47.9			
51.00	11.59	88.41	52.1 ✓			
			✓ 179.3	70.7	3183	✓
47.75	11.40	88.60	48.9			
54.25	11.70	88.30	55.4			
48.00	11.10	88.90	49.3			
48.50	14.96	85.04	47.7 ✓			
			✓ 201.3	79.4	3573	✓
51.50	11.60	88.40	52.6			
56.75	12.00	88.00	57.7			
51.00	11.44	88.56	52.2			
54.00	11.65	88.35	55.2 ✓			
			✓ 217.7	85.9	3864	✓
47.50	11.54	88.46	48.6			
47.75	11.79	88.21	48.7			
44.25	14.04	85.96	44.0			
52.0	12.04	87.96	52.9 ✓			
			✓ 194.2	76.6	3447	✓
48.25	10.86	89.14	49.7			
62.25	10.86	89.14	64.1			
47.75	13.66	86.34	47.7			
52.75	11.40	88.60	54.0 ✓			
			✓ 215.5	85.0	3825	✓

380	B46-4799, Roque seed saved	Head Row	14 62 86 137	8/21	9/8	9/28	55
381	Imp. Bluebonnet seed saved	Bauer Fd	8 61 88 138	9/3	9/13	10/4	56

Midseason maturing short and medium

382	Caloro C.I. 1561-1 seed saved	(101)	16 70 99 133	8/16	8/24	9/19	45
383	Blue Rose C.I. 1962 seed saved	104	18 67 100 130	8/29	9/9	10/2	51

	0				T
	0				T

v. dark erect growth and erect leaf habit of BK1 except slightly shorter and larger tillers, stooling v. well somewhat sturdy as BK1.

And the best drier book almost as fast as BK1 but has a much shorter more sturdy straw. Even better than 45-2382 in this respect lighter green color than RN, leaves narrower, and more drooping. Taller than BSt

Shorter straw than RN + BSt flag leaves not as erect as RN. Better looking than either RN or BSt

v. dark color, narrow leaves, short, lower leaves semi-spreading, a few late heading, taller tillers Prob. caused from day length response

medium dark color spreading lower leaves, good lit, med-wide leaves.

52.50	11.86	88.14	54.0			
51.50	10.66	89.34	53.2			
46.75	13.26	86.74	46.9			
57.25	11.20	88.80	58.8 ✓			
			✓ 212.9	84.0	3779	✓
56.25	11.59	88.41	57.5			
52.75	11.74	88.26	53.8			
51.00	16.60	83.40 Annaly	49.2			
56.00	11.50	88.50	57.3 ✓			
			✓ 217.8	85.9	3866	✓
47.00	11.20	88.80	48.2 ✓	3422 4000	Annaly (A)	
45.50	11.55	88.45	46.5			
34.50	11.30	88.70	35.4			
48.75	10.89	89.11	50.2 ✓			
			✓ 180.3	71.1	3200	✓
41.50	11.36	88.64	42.5			
49.75	12.60	87.40	50.3			
47.75	11.40	88.60	48.9			
41.00	11.06	88.94	42.2 ✓			
			✓ 183.9	72.5	3264	✓

384	Calrose Seed saved		17 65 103 123	8/12	8/19	9/14	42
385	B4112A5-5-1, SmBR x BR41 Seed saved	(108)	20 64 104 129	8/29	9/8	10/2	50
386	C6-I-25-12, BR x BR-R Seed saved	(110)	21 68 102 131	8/31	9/11	10/2	48
387	B4031A1-1-13-1-12, TP x R-SBR	(376)	15 69 105 132	9/20	9/30		49
388	B438A1-104-4, SmBR-BR41 x 8326 Seed saved	Head Row	19 66 101 127	8/30	9/9	10/2	48

0				4
0				2
0				3
0				3
0				2

Very much like Coloo, except earlier,

Less W. tip than 438A, lighter green color than BK and taller. Looks best of 4 BK types.

Looks almost like 411CA, better appearance than BK or 438A (taller & less W.T.)

Erect leaf habit, light green color medium width to large, stooling very well, medium ht.

V, much like BK, but less white Tip, as tall as BK + sl. darker color,

39.50	12.10	87.90		40.1	4100 Jones ext (A)		
41.00	11.36	88.64		42.0			
37.25	11.60	88.40		38.1			
36.00	11.16	88.84		37.0 ✓			
			✓	157.2	62.0	2790	✓
50.50	12.58	87.42		51.0			
56.00	13.24	86.76		56.2			
58.50	12.38	87.62		59.3			
54.00	12.78	87.22		54.4 ✓			
				220.9	87.1	3921	✓
43.00	10.45	89.55		44.5			
47.50	11.45	88.55		48.6			
47.75	11.80	88.20		48.7			
47.00	11.10	88.90		48.3 ✓			
			✓	190.1	75.0	3374	✓
49.50	11.54	88.46		50.6			
47.75	11.59	88.41		48.8			
51.50	11.69	88.31		52.6			
49.25	11.14	88.86		50.6 ✓			
			✓	202.6	79.9	3596	✓
53.00	11.14	88.86		54.4			
52.00	12.34	87.66		52.7			
50.5	11.79	88.21		51.5			
56.25	11.69	88.31		57.4 ✓			
			✓	216.0	85.2	3834	✓

Late maturing varieties:

389	Texas Patna, Sel-A C.I. 8321-1 seed saved	(129)	33	9/16	9/25	10/21	58
			37				
			84				
			106				
390	B43-280-1-3, T. Patna Sel. seed saved		35	9/17	9/27	10/25	56
			42				
			82				
			111				
391	B321B40-3, R x D C.I. 8343 seed saved	(137)	32	9/15	9/24	10/21	56
			41				
			80				
			109				
392	B4033A4-38-1-4, TP x R-7689 seed saved	(381)	31	9/20	9/30	10/25	56
			36				
			79				
			112				
393	C3-12, 7/8 Rexoro seed saved	Head Row	34	9/21	10/3	10/28	56
			38				
			78				
			107				

1949

0				T
0				0
0				T
0				1
0				3

Pyh. tallest plot, light green color, leaves narrower and taller, smaller than Rex, lower leaves dying back.

Short vegetative growth, med green leaf color, not as great growth as Rex, very good tillering.

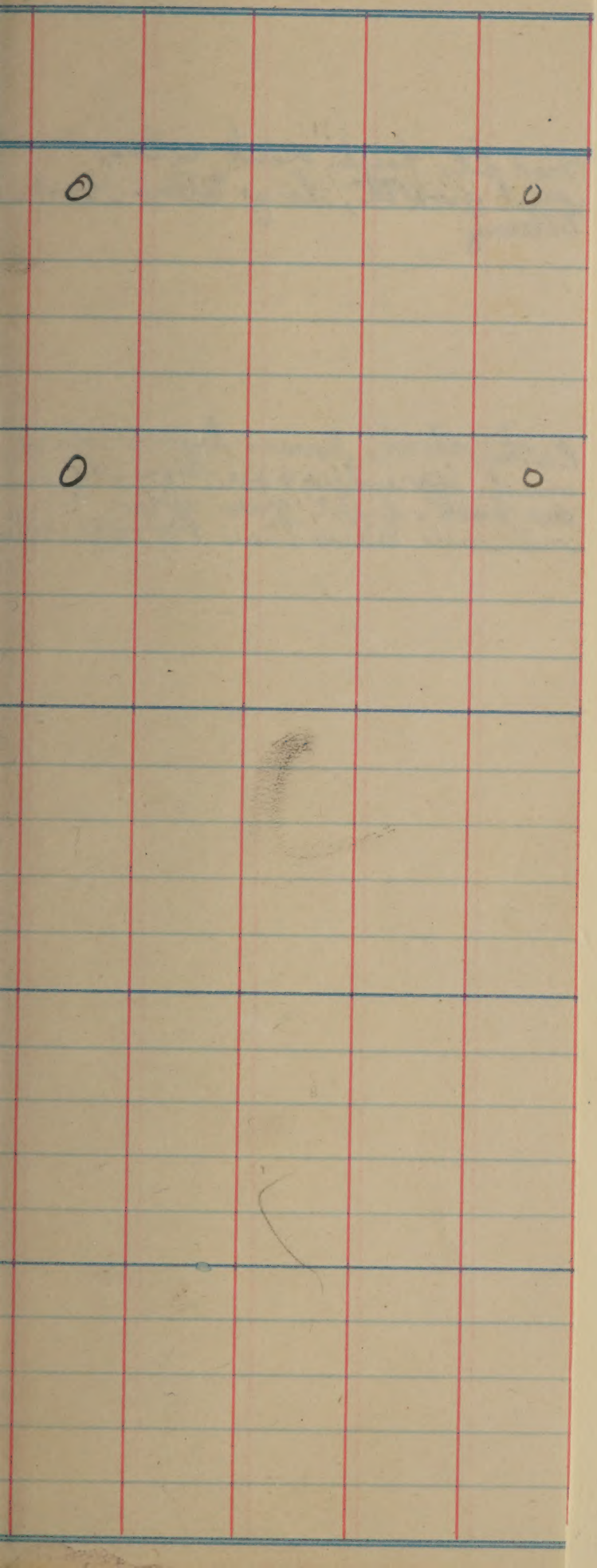
Similar to Rex but sl. darker gr. leaf color, less growth, wider leaves.

Sl. taller than Rex, darker green, spreading leaf habit, looks v. good at tip showing but not a semi-erect type

much W. Tip showing but does not appear to be a erect type. Chlorotic but little damage of tips. More spreading growth habit than Rex.; sl. narrower leaves

43.00	10.80	89.20	44.2			
50.00	10.65	89.35	51.6			
42.00	10.94	89.06	43.2			
47.50	11.15	88.85	48.8 ✓			
			187.9	74.1	3335 ✓	
44.00	11.25	88.75	45.1			
49.25	11.69	88.31	50.3			
38.25	11.59	88.41	39.1			
44.25	11.84	88.16	45.1 ✓			
		✓	179.6	70.8	3188 ✓	
51.00	11.14	88.86	52.4			
52.50	10.79	89.21	54.1			
43.75	10.94	89.06	45.0			
56.25	11.14	88.86	57.8 ✓			
		✓	209.3	82.6	3715 ✓	
43.25	10.90	89.10	44.6			
43.00	11.20	88.80	44.1			
39.25	11.10	88.90	40.3			
47.50	11.45	88.55	48.6 ✓			
		✓	177.6	70.0	3152 ✓	
31.50	11.99	88.01	32.0			
41.00	12.24	87.76	41.6			
38.75	11.84	88.16	39.5			
40.00	12.39	87.61	40.5 ✓			
		✓	153.6	60.6	2726 ✓	

	Texoro		30	9/24	10/4	10/28	
394	C.I. 1779	Head Row	39				
	Seed Sample		83				
			110				
	C48-4139,		29	9/6	9/16	10/3	48
395	Dw. T. Pat. Natl. Cr.		40				
	Seed Sample	(Crowley)	81				
			108				
396							
397							



med lit. fairly dark color, erect growth, large tillers : good tillering -

Rather short, lower leaves show much spreading + are beginning to die back. light green color, narrower leaves than Rex, V good tiller

35.25	11.94	88.06		35.9			
42.00	12.14	87.86		42.7			
30.75	12.69	87.31		31.0			
40.00	12.64	87.36		40.4	✓		
			✓	150.0	59.2	2663	✓
42.75	9.66	90.34		44.6			
47.50	10.06	89.94		49.4			
37.75	11.76	88.24		38.5			
43.00	11.36	88.64		44.1	✓		
			✓	176.6	69.7	3135	✓

53 Pictures taken on variety plots, 2 shots each comb, except

august 21, 1950

no	R/h	13	12	11	10	9
✓ 1	11 + 12	4310A - 4311A -	2 -	Hill Med -	Hill Med -	
x 2	"	disc				
✓ 3	8 + 9	Hill Med -	Hill Med -	mag. -	La Cr Mag	
x 4	"	disc				
✓ 5	29 + 30	Hill Sel -	Hill Med -	Calif sh. -	Hill	
x 6	"	disc				
✓ 7	33 + 34	(E-F x S-F) -	L.W. -	ark F -	Hill	
x 8	"	disc				
✓ 9	45 + 46	Cut 231 -	56 -	52 -	B B+ -	Rework
x 10	"	disc				
✓ 11	43 + 44	Cent 52 -	B B+ -	Rework -	(F P49 x Hill Med)	
x 12	"	disc				
✓ 13	49 + 50	Col 1469 -	Col 1462 -	Honduras -	ark TPX R-56R	
x 14	"	disc				
✓ 15	66 + 67	Imp BBt -	2 x N -	mra -	I x N -	Hill Med
x 16	"	disc				
✓ 17	68 + 69	BBt -	BB 50 -	RN -	2 imp BBt -	2 x N - mra
x 18	"	disc				
✓ 19	69 + 70	BBt -	BB 50 -	RN -	2 imp BBt -	2 x N
x 20	"	disc				
✓ 21	373A - 370A	OK Hill Patura -	Cut - 231			
x 22	"	disc				
✓ 23	370A - 372A					
✓ 24	"	C4 - II - 1 - 2 (B x R - R) -	Hill Patura			
✓ 25	381A - 378A	disc	RN -	2 imp BBt		

West side of last

X 26	"		
✓ 27	379A-375A	OK	~~disc~~
X 28	"		disc ~~O.K.~~
X 29	382A-384A		disc
✓ 20	"		O.K.
X 31	365A-363A		disc
✓ 32	"		O.K.
✓ 33	363A-361A		O.K.
X 34	"		disc
✓ 35	394A-392A		OK.
X 36	"		disc.
37	392A-389A		OK
~~38~~			

231

Contrast

RN - Imp BBt

mra - BBt (faint)

calrose - Calrose

Hull med - Z - mag

Hellmed - Z. fair

TP 49 - Rex. good

TP1 + TP 49

Milling Tests Used 18 Lbs for

		Brown	Total	Whole	Broken
389	T. Patna	103	90.7	81.6	9.1
			117.5	106.4	
		102	89.7	80.3	9.4
			116.7	104.5	
			117.1	105.4	
392	TP 49	103	90.6	73.6	17.0
			117.4	95.4	
		103	90.5	73.5	17.0
			117.3	94.3	
			117.4	94.9	
393	7/8 Rexoro	104	90.9	73.1	17.8
			117.8	94.7	
		104	89.3	72.2	17.1
			116.0	93.6	
			116.9	94.2	
394	Rexoro	103	91.2	74.9	16.3
			118.2	97.1	
		103	90.2	74.6	15.6
			116.9	96.7	
			117.6	96.8	

30 seconds, .125 gms

Crosses made

no	Cross ♀	♂	(date)
501A	71 (Bkt)	x 40(	8/21
502A	71 (Bkt)	x Century 231 (field pl)	8/24
503A	71 (Bkt)	x Zenith (field plot)	8/22 ♂ labeled
504A	40	x " "	8/22 ♂ labeled
505A	Century 231 (373-A)	x 6850	8/23 ♂ "
506A	" (3737)	x 6849	8/23 ♂ "
507A	Bkt (71)	x 6850	8/24 ♂ "
508A	" "	x 6849	8/24 ♂ "

	Salt Water x Rex (field plot)	10/1 by Crane
	Bkt x Salt Water	10/3 by HMB
	Zenith x "	10/3 "
	Zenith x "	10/4 "
	Rexoro x "	10/4 "

Used Engr. date seeding plots for Zenith, Bkt and Rexoro ♀ parent plants
all salt water ♂ parents labeled. Used same parents for Zenith & Rexoro Crosses made on 10/4, Plant is labeled Erroneously with Zenith.

Smooth Fl

smooth "

rough "

rough "

smooth "

rough " 0.1K (grid = 6849

smooth "

rough " 0 K (grid = 6849)

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

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WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY

Division of Cotton and Other Fiber Crops and Diseases

Albert Gray Century Head Row for 1951

Wants. Found + Reg Century Seed.

G. A. Redland
Box 214, Crosby
wants early Zenith type (gold bell)

1950

ADV.

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Adv

check 27 m 12 d. (sh bulls, tall

cut 9/15	not cut
10	19
14	21
15	
16	
20	

cut 9/15		
36	✓	✓
40	✓	✓
42	✓	✓
45	✓	✓
48	✓	✓

	✓ 9/19	
37	✓	
39	✓	✓
43	✓	✓
44		✓
54	✓	✓
55	✓	✓
56	✓	✓
60	✓	✓
61	✓	✓
62	✓	✓
64	✓	✓

Speed of Vogel agt = 860 rpm

" " Kansas " = 400 "

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (*a*) Methods (*b*) Dates
5. Size of plot:
   (*a*) Area in square feet (*b*) Number of rows
   (*c*) Length of rows (*d*) Width of rows
6. Fertilizer: (*a*) Pounds per acre
   (*b*) Analysis (N–P–K) (*c*) Time of application
   (*d*) Method of application (*e*) Side dressings
7. Planting: (*a*) Date (*b*) Rate (*c*) Method
8. Thinning: (*a*) Date (*b*) Method (*c*) Approximate optimum spacing attempted
9. Cultivation: (*a*) Implements used (*b*) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
   (*a*) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and, in serious attacks, estimating crop loss. For example, FW *5/35–7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
   (*b*) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

U. S. GOVERNMENT PRINTING OFFICE 453682

Mobile Trip: Notes taken Aug 1.

0 = none
~~0 = none~~
1 = less than 10 per cent affected plants
2 = at least 25 % affected plants
3 = over 50 % affected plants
4 = Practically all plants
5 = " " leaves

WT notes 8/1/50
Series (2) seedlings 20)

201	22		251	2	
2	27		52	0	
3	28		53	0	
4	29		54	1	
5	30		55	0	
6	31		56	1	
7	32	very large plant	57	1	
8	23 =	T	58	0	
9	234	0	59	T	
10	35	0	60	T	
11	36	T	61	T	
12	37	0	62	T	
13	38	2	63	1	
14	39	2	64	T	
15	40	1			
16	41	1			
17	42	2			
18	43	2			
19	44	0			
20	45	2			
21	46	2			
22	47	T			
23	48	0			
24	49	1			
225	50	0			

Ht: { S = Short
M = med. tall
T = tall
VT = very tall

Color:
Lg = li
g = m
dg = d

growth habit

Ht

Leaves:
VN = very narrow
N = narrow
M = moderate width
W = wide leaves

growth habit

green color
" "
" "

1 Last training - 8/30

Sown May 12

Test 1 (uniform)

	1	S415A1-1-16-5-1, Z x N seed sand	Stuttgart	101 209 312 403	8/2	8/9	9/7	56 57 56	9/7
	2	C.I. 3253-6-2, E-F x S-F	(7)	102 207 301 404	8/8	8/16	9/7	53 ~~54~~	9/7
✓	3	Cody C.I. 8342 seed sand	(14)	103 212 303 414	7/31	8/10	9/3 (114)	49 ~~49~~	9/7
✓	4	Colusa C.I. 1600 seed sand	(10)	104 202 304 409	7/30	8/9	9/3 (114)	49 48 50	9/7
✓	5	B4045B44-8-17-15, R-SBR x BR41 seed sand	(17)	105 203 316 407	7/28	8/6	8/30	46 ~~46~~	9/1

Total x 1.5 = pounds p
dividing 45 for bu. yie

2 plots x 3.				wh. Typ
3 plots x 2.				8/1/50
bad				T
badly 8/50				
				0
				1
				1
				0

Rather tall, willowy straw of Mia, Sm med-gr. long drooping panicles, poor tillering like Mira. Only fair

Most too tall, Mia leaf habit. Only fair

Too tall, very leafy, only fair tillering

Too leafy, too tall, rather poor tillering, Only fair

uniform ht, standing better than Colusa hay.

a very hay-plot standing much better than Colusa

V. heavy plot, willowy straw

Leaning considerably on 8/29.

Short sturdy straw, rather leafy, seriously damaged by birds.

in acre
ld.

	Bud damage	Total			Grams	pounds per acre	Bu per acre
	75%	77.6	2.4	59.2	330		
	20%				244		
					403		
	20%				292		
					1269	1904	42.3
		77.8	1.6	57.3	362		
					508		
					459		
	15%				423		
					1752	2628	58.4
		79.3			604		
	10%				684		
	15%				618		
					621		
					2527	3791	84.2
		76.8	2.0	64.8	670		
					649		
					668		
	Last lot				598		
					2585	3878	86.2
	50%	66.6	7.4	33.2	449		
	100%				412		
	40%				410		
	60%				431		
					1702	2553	56.7

Select new Stock	6	Smooth Magnolia	(Crowley C 49-4035)	106 204 302 401	8/1	8/11	9/2	53 52 54
Select new Stock	7	C49-4045, LaCr x Mag	(Crowley C 49-4045)	107 211 309 411	7/30	8/10	9/7	53 ~~53~~
✓	8	Magnolia C.I. 8318	(13)	108 205 315 415	8/3	8/11	9/1 (11?)	53 ~~54~~
✓	9	B45-15-5-10-2, HillMed. x Z	(2064)	109 215 308 402	8/2	8/9	9/1	48 ~~48~~
Prob	10	B45-15-1-1-3-1, HillMed x Z.	(2007)	110 206 314 410	8/12	8/18	9/10	57 56 58

Lodging				8/1/50
bad				T
				0
bad				1
				T
				T

Too tall, poor tillering,
taller than Mag.

poor yielding

very leafy, shorter than Mag,
hay straw, does not appear to be
as sturdy as other short stemmed
types.

not as good as LaCrosse, taller
wider leaves than Magnolia, not
as heavy, thin stand in 2nd,

quite tall, appears rather subject
to lodging, may be caused by birds,

Thin stand in all plots.

Short sturdy straw, good tillering
earlier than Jr, gold Hulls,
a number of heads over plot which
are sterile, poor lower in Crown
many heads of this type. Very plot
Very Promising except for wind dam.
Straw not as sturdy as #28, is also
taller.

Too tall,

Bird damage							
~~20%~~		77.6	1.6	61.8	—		
10%					—		
30%					421		
20%					386		
					807	2421	53.8
					316		
10%					403		
30%					467		
10%					291		
					1477	2216	49.2
					542		
50%					477		
50%					334		
					415		
					1768	2652	58.9
		76.3	2.2	56.1	400		
20%					559		
20					436		
10%					423		
					1818	2727	60.6
5%					308		
5%					331		
70					389		
					544		
					1572	2358	52.4

✓	11	Zenith C.I. 7787	(6)	111 210 313 416	8/8	8/15	9/7 (12)	54 ~~54~~ 55
✓	12	B4311A2-23-1-1, SmBR-BR41 x 8323-Z	(20)	112 216 310 405	8/1	8/10	8/29	48
✓	13	B4310A1-20, SmBR-BR41 x BR41-EP	(4)	113 201 306 406	8/4	8/14	9/8	52 51 54
✓	14	Lacrosse-250	(5)	114 214 311 412	8/8	8/18	9/10 (12)	51 52 50
✓	15	Early Prolific C.I. 5883	(1)	115 208 305 413	8/7	8/17	9/10 (12)	57 ~~57~~

				W.T. 8/1/50
dl.				2
120ml 8/20				
				2
				0
				1
				1

quite tall, standing better than Magnolia, some lodging damage of the type noted in plot 10

about same lot as many but standing better, about 2 days later maturing

V. short sturdy straw, many stools and injured panicles caused by birds reducing yield 35 to 50% on outstanding type (Wolf) may lose some php. strength

many stools heads present many not caused by birds or insects, stems appear healthy, some from of php. str.

not as tall as 2, heavy, looks much better than plot 7 stiffer straw and possibly better tillering.

Very tall, irregular lot but heavy plot.

Bird damage								
15%		78.2	2.0	57.9	500			
15%	5%				439			
	10				323			
	0				617			
					1879	2819	62.6	
40%		70.7	6.8	41.4	444			
50%+					498			
20%					379			
15%					372			
					1693	2540	56.4	
					586			
25%					585			
					546			
20%					511			
					2228	3342	74.3	
					495			
					487			
					471			
					534			
					1987	2981	66.2	
10%		76.8	4.0	56.8	465			
10%					579			
					550			
					554			
					2148	3222	71.6	

13

V	S411A1-1-2-1, 16 EBR-BR×Cy-S EBR-BR×Cy-S seed saved	(Altitgenit)	116 213 307 408	8/9	8/17	9/12	50 50 51

Test 2

Aphis	B45-15-1-8-4-3, 17 Hill Med × Z seed saved	(2039)	117 221 330 419	8/4	8/13	9/4	47 47 48
Aphis	B437A1-7, 18 SmBR-BR41 × 8323 seed saved	(30)	118 231 324 427	8/9	8/19	9/12	53 54 52
Aphis on primary ear	B437A1-12-6, 19 SmBR-BR41 × 8323 seed saved	(29)	119 226 327 417	8/13	8/25	9/16	55 55 56

				8/1/50 T
	76.6	2.9	56.2	T
				T
				2

Very bad for H.O., some slightly that may be physiologic. almost as tall as 2, rather narrow leaves

Too earlier than Zenith Very short, very sturdy straw gold heads smooth bulky, later than plot 9 Waterlogged outstanding as a group Zenith similar to 28, Too bad to thresh

Z. ht, sl. later, irregular ht. very stumpy straw, I. P. B.K grain type, fairly easy to thresh

a long slender grain type, similar to Century 52 but much tall may be B4031A1-24-1 Check Too tall and leaves to wide for B4031A1-24-1

			455		
	10%		481		
	10%		521		
	10%		444		
			1901	2852	63.4
			563		
			632		
			601		
			575		
			2371	3557	79.0
			549		
			595		
			692		
			609		
			2445	3668	81.5
			414		
			570		
			512		
			516		
			2012	3018	67.1

20	B423B44-5, BR41-EP x K-7143	(23)	120 229 328 430	8/9	8/18	9/13	57 58
21	B433A1-4-7, B41-3299 x (R-SBR x BR41)	(21)	121 219 332 421	8/8	8/16	9/13	54 52 50
22	B43~~8~~56A1-32-1-7-2, 8326 x 8323-2	(2227)	122 220 323 422	7/31	8/10	8/29	46 48 45
23	B4356A1-17-2-4-1, 8326 x 8323-2	(2250)	123 228 321 431	8/8 Sey	8/25	9/15	51 50 52
24	B4311A2-9-1-1-3, SmBR-BR41 x 8323-2	(2184)	124 232 329 420	8/1	8/10	8/28	47 47 48

		—		0
	76.9	2.4	58.8	T
				T
				2
				0

No taller than Ep. Very low plot more compact panicle and probably a larger culm.

a short sturdy strawed med-gr
of Zenith, maturity, V. low, taller
V short later than 17 and 28.
V early
Easily finished. Has narrow
leaves, semi drooping straw like Jap

Extremely short, sturdy straw
low plot, rough bulk, attractive
outstanding extremely early
rough blades

Segr. maturity, some short E type

a very low short strawed type
V. uniform hts., badly damaged by
birds. Has much indication of
straight head, some blunt-pro.
due to straight-head.

Bird damage						
				589		
				642		
				643		
				678		
				2552	3828	85.1
				529		
				556		
				664		
				627		
				2376	3564	79.2
sl				524		
15%				568		
15%				519		
20%				516		
				2127	3191	70.9
				612		
				543		
				609		
				612		
				2376	3564	79.2
sl				523		
15%				468		
30%				451		
				435		
				1877	2816	66.6

25	B4311A3-18-6-11-2, SmBR-BR41x8323-2	(2219)	125 227 318 425	8/3	8/15	9/10	54 54 55	
26	B4311A3-11-1-3-2, SmBR-BR41x8323-2	(2204)	126 230 320 428	8/7	8/16	9/8	48 ~~49~~	9/
27	B45-15-4-3-2, Hill Med x2	(2057)	127 218 322 426	8/8	8/18	9/11	54 55 55	
28	B45-15-1-8-6, Hill Med. x2	(28)	128 222 319 423	8/6	8/14	9/4	46 46 47	9/
29	~~Stockdick Set.~~ Calf ~~Hyb~~ 47-1474	(228)	129 224 326 418	7/31	8/10	8/31	45 ~~46~~	9/

				8/11/50
dl.				T
1590				
				T
	77.1	4.0	57.3	0
				T
	77.5	6.6	51.7	T

Z. lit, smooth hulls. Irreg lit, very plot,
Thin stand in 2nd repl,
Too tall, leaning straw

short stemmed type of "Z" maturity a mixture of heads thought to be phys. sterility; rather leafy, very sturdy straw, watch

many mixed heads + grass in 3rd, rather hard to thresh

rep 2. lit, longer grain than Z. Z maturity, very uniform lot + maturity. Resembles Hall Patna in mature leaf habit. a very good plot but too tall

Sind to do for V. clean straw. M. difficult to thresh

V Tall vegetative very short straw, sturdy stem, Z mat, very uniform, watch as good as any of the short stemmed Z. maturity straw is better. Probably the one to be grown, except that it is too hard to thresh.

V Short V L. Very short straw, very early very uniform, a med-grain type easy to thresh, short straw.

Bird dom.				
10%	557			
	641			
	490			
	521			
	2209	3314	73.6	
	542			
	652			
	585			
	444			
	2223	3335	74.1	
	654			
	672			
	735			
	656			
	2717	4076	90.6	
	517			
	569			
	602			
	500			
	2188	3282	72.9	
do	516			
do	538			
do	509			
	476			
	2039	3059	68.0	

30	B45-15-1-8-2-1, Hill Med x Z	130 225 317 432 (2034)	8/2	8/9	8/31	45 46	9/7
31	~~B46-4938-1,~~ ~~B46-2647-3-1-4,~~ Hill ~~Med~~ Sel.	131 217 331 429 (27)	8/20	8/28	9/20	58 ~~59~~	9/18
32	B46-2647-3-1, Hill Med Sel.	132 223 325 424 (11)	8/11	8/20	9/12	49 ~~50~~	
	Test 3 (Uniform)						
33	Arkansas Fortuna C.I. 8309	133 248 347 438 (33)	8/12	8/20	9/10	61 63 59	

8/1/50

T

0

1

2

0

100 %

Straw bulky, possibly the outstanding smooth short straw early Z. type in test, very uniform, 3rd class grassy, many mix weeds. Best straw in test (short & very sturdy) prob. too hard to thresh very late for the group

V. tall med-gr. gold, sm. Clean straw, fairly easy to thresh but too tall.

very uniform maturity, later than Z. Considerable sterility.

Bird dam.							
sl.					560		
					705		
					518		
					419		
					2202	3303	73.7
					530		
					414		
					450		
					403		
					1797	2696	59.9
					596		
					652		
					600		
					559		
					2407	3611	80.2
					578		
					606		
					444		
					—		
					1628	3256	72.4

34	Lady Wright Sel.	134 246 339 433	(44)	8/2	8/12	8/30	53- 55 52	9/7
35	CL-253-9-1, E-F x S-F	135 236 333 443	(45)	8/8	8/15	9/7	56 56	9/7
36	Prelude C.I. 8311	136 239 344 437	(47)	8/7	8/20	9/14	60 62 58	
37	S415A1-1-6-7-1, Z x N	137 ~~249~~ 337 442	(stutt)	8/20	8/29	9/18	61 63 60	
38	Zenith C.I. 7787	138 243 342 439	(6)	8/8	8/16	9/6	55 56 54	9/7

				8/1/50
				3
				2
bad				1
				T
completely				
				2
				2
				T
				1
All				3.
				2
50%				

Irreg lit, shorter than 2 + E.P.
fair yield

Taller than L.W. more uniform hit.
straw drying quite rapidly.
Shorter than Prelude.
Completely lodged in 4 throws

Irregular hit, very tall

Too late for this group

a very hvy plot, prob taller than Bkt,
more leafy like this, green stem
Do not standing as erect as Bkt or
9/18. Badly lodged in 4th

Uniform hit, hvy plot.

					435		
					537		
					575		
					459		
					2006	3009	66.9
		76.8	4.0	56.8	493		
					468		
					491		
					376		
					1828	2742	60.9
		75.0	6.8	46.0	635		
					641		
					648		
					540		
					2464	3696	82.1
					477		
					644		
					689		
					516		
					2326	3489	77.5
					547		
					555		
					543		
					461		
					2106	3159	70.2

39	Hill Patna	139	8/14	—	9/24	60	
		237				59	
	Seed saved not thr 9/19	(40) 335				61	
		446					
Single 40	B433A2-6-3-12-1, B41-3299 x (R-SBR x BR41)	140	8/11	9/23	9/13	56	
		235				57	
		(2598) 345				55	
	Seed Saved	441					
Repeat 41	Col 47-1358	141	8/V	8/12	8/29	56	
		234				57	
	Seed Saved	(49) 338				55	
		440					
Rejected 42	B4530A1-49-1, TP49 x Hill Med ~~(TP49-1629 x Hill Med)~~	142	8/1 Sq	8/22	9/13	53	
		241				56	
	Seed saved	(2818) 334				51	
		445					
✓ 43	Rexark C.I. 8644	143	8/14	8/24	9/16	57	9/18
		238			(12)	59	
	Seed Saved	(42) 336				55	
		444					

				WT 8/1/50
				0
				0
				0
				0
				0
				0
				0
				1
				2
				2

Seed badly mixed, if used on 1951 get new seed

Erect Tall Rather long drooping heads green straw, a very long x-pl. grain, non erect flag leaves

one of earliest long pl. grain types taller & earlier than Century - 237 Hard to thresh and grain shorter than Century. Hardy as tall as Sevett

A good Century type, later & taller than 231, but earlier than Resark, standing better.

much stability lacking but a hog plot.
Leaning badly on 9/18.
Some lodging in 4th

				526			
				563			
				574			
				553			
				2216	3324	43.9	
				540			
				479			
				478			
				497			
				1994	2991	66.5	
				652			
				563			
				583			
				522			
				2320	3480	77.3	
				701			
				688			
				569			
				695			
				2663	3980	88.4	
	78.4	5.2	49.6	618			
				495			
				564			
				620			
				2297	3446	76.6	

	44	Blue bonnet C.I. 8322	144 233 346 436	(69)	8/19	8/28	9/16 (127)	61 60 62
✓	45	~~Century~~ Patna ~~-52~~	145 244 348 447	(41)	8/15	8/23	9/14	54 55 53
✓	46	~~Century~~ Patna ~~-56~~	146 245 343 434	(38)	8/7	8/16	9/6	52 53 51
✓	47	~~Century 231~~ Century Patna-231	147 247 340 448	(37)	8/8	8/15	9/7 (118)	51 53 50
✓	48	S403/A1-1-1-7-1, TPxR-SBR	148 242 341 435	(Stutt)	8/15	8/23	9/14	55 ~~56~~

8/4/50

0

T

1 plant

T

0

ll

2

2

5070

d-

1 plant

T

T

1

2

much taller than other strains in this test, Has prob. been injured some and ripened & lodged by early drawing. Prob. standing better than Plevak on 9/18 Badly lodged in 4th

A very uniform short stemmed Potna type, very little earlier than B/S#. but much shorter straw.

Sl. taller than Cent 231 badly lodged in 3rd series

very hvy plot, appeared more uniform in lot than Cent-56, also may be sl. shorter, some

Sl taller and not as sturdy strawed as Cent 52 Similar maturity, a longer grain than 52

	77.7	5.8	53.0	525			
				608			
				598			
				569			
				2300	3450	76.7	
	75.0	3.7	45.4	599			
				592			
				613			
				643			
				2447	3671	81.6	
	77.0	6.9	48.5	721			
				772			
				587			
				588			
				2668	4002	88.9	
	75.9	3.4	51.8	657			
				590			
				572			
				642			
				2461	3692	82.0	
	75.9		41.8	664			
				563			
				638			
				639			
				2504	3756	83.5	

Test 4

49	Honduras C.I. 1643	6365-67	149 262 353 454	8/11	8/18	9/7	63 64 63
50	Cal-47-1462	226	150 255 356 464	8/5	8/13	9/3	53 55 52
51	Cal-47-1469	53	151 249 358 456	8/6	8/14	9/5	51 ~~51~~
52	Cal-47-1470	57	152 261 354 451	8/5	8/13	9/4	49 50 48
53	Cal-47-1473	61	153 257 363 455	8/8	8/16	9/7	53 54 52

8/1/50
1 plant

T

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Extremely tall, lost a very thin stand in all rows because of small amount of seed available for seeding.

Straw bulky, irregular, did not tiller as well as 51 to 53, rather tall, bending at 1st and 2nd nodes.

51, 52, and 53 are much alike veg. all have very green straw when ripe, and all are gold hulled and buy looking plots. Taller than 52 and 51 later. Much like 53. much sterility

Earlier and shorter than 51 & 53 Much sterility

Showed much sterility.

				444		
				492		
				460		
				506		
				1902	2853	63.7
				460		
				440		
				633		
				471		
				2004	3006	66.8
				620		
				498		
				482		
				560		
				2160	3240	72.0
	77.1		52.1	664		
				568		
				607		
				535		
				2374	3561	79.1
				537		
				481		
				508		
				556		
				2082	3123	69.4

54	B403/A1-1-4-5, Rogue	54	3556	8/23	9/1	9/19	62
		259					63
	C Pat-47-9-1	351					
		449					
55	HybMix 8-47-12	155	223	8/14	8/22	9/12	57
	TP+Rx R-SBR	256					58
		357					56
		457					
56	B451/A1-1,	156	52	8/16	8/25	9/14	56
	Hill Sel x	251					57
	(TP x R-SBR)	355					55
		458					
57	B451/6A2-43,	157	242	8/9	8/17	9/7	47
	Hill Sel. x	263					48
	(TP x R-SBR)	361					
		461					
58	B403/A1-3-3	158	202	8/11	8/18	9/7	48
	TP x R-SBR	254					49
		352					47
		459					

8/1/50

0

T

1

1

2

2

1

1

1

1

Too late for this group.
much like BBt. but al
later and a more slender grain.
Is slower ripening than BBt.
more lodging. Too tall.
Harder to thresh than BBt.

Standing O.K. in 41b
Tall, prob. at least as tall as 2 & EP,
may be sl. later, V. hvy plot
Taller than Cent-52 but slender than
BBt, V. hvy plot, Cent-52 not.

A very promising plot. Standing much
better than BBt on 9/19
Too late for this group.

Very poor grain producer.

much like #58 for hf & maturity.
Very sturdy straw but leaves,

Short sturdy straw but not as
hvy as Century. Is later than Cent 56 &
23 & earlier than Cent-52

			564		
			603		
			651		
			726		
			2544	3816	84.8
77.0		45.6	556		
			655		
			637		
			670		
			2518	3777	83.9
			369		
			396		
			501		
			430		
			1696	2544	56.5
			656		
			758		
			698		
			701		
			2813	4220	93.8
			620		
			717		
			592		
			577		
			2506	3759	83.5

59	B4519A1-29, TP49 ~~(TPxR-7689)~~ x Rexark	260	159 250 362 450	8/14	8/23	9/12	54 ~~55~~
60	B4537A1-17-1, R-7689xRexark	3050	160 253 350 460	8/21	9/2	9/19	53
61	B4512A1-20, HillSel x BBt.	54	161 264 349 462	7/25 Lg 1st stripe 8/20	9/2	9/18	VE=50 late=61 VE 50 late 61
62	B4512A1-101, HillSel. x BBt	58	162 260 359 453	7/25 Lg	9/1	9/18	VE=51 late= 49 60
63	B4512A1-32, HillSel. x BBt.	60	163 252 360 463	7/25 Lg	8/12	8/31	50 ~~50~~

				W.T. 8/1/50
				0
				0
				0
				0
				0
				T
				0
				T
				0
				0

quite tall.
Taller than Cent 52, similar
rust, straw not as sturdy,
flag leaf is non erect, like
Wells Palma, longer, fuller grain
than Centura.

Too late for true group.
Some very few for maturity, very
short sturdy straw, some sterility
Some selfs made. Has a
fuller grain than BBt, but by and
long, straw hulls
Some very earlies, some later
than BBt. Some good Sh. gr.
BBt types Mark Sels.

Same as # 61

Very good BBt growth habit, fairly
short straw, no segr. VE and early.
Looks promising as a VE BBt type
bred for C.O.

587			
544			
639			
569			
2339	3509	78.0	
458			
435			
413			
489			
1795	2693	59.8	
379			
536			
414			
521			
1850	2775	61.7	
440			
344			
558			
436			
1778	2667	59.3	
691			
530			
536			
657			
2414	3621	80.5	

Single 64	B4512A 1-113 [redacted], Hill Sel. x BBt.	164 258 250 364 452	8/12	8/26	9/20	58 ~~58~~
[redacted]						
Test 5 (uniform)						
dise 65	C45-8134-9, I x N Seed found	165 269 66 374 474	8/20	8/30	9/20	63
66	Nira C.I. 2702 Seed found	166 265 68 376 469	8/23	9/3	9/24	69
dise 67	S415A1-1-19-2-1, Z x N Seed found	167 72 280 377 472	8/17	8/23	9/17	64

					WT 8/1/50
					0
					0
					W.T. 8/14
					0
					0
					T.

Too late for this group.

much like Mira, except shorter stalk
Mira grain; prob. no better
tillering than Mira. leaning or lst
leaves completely dropped when ripe.
No commercial value.

very tall, long heads, good
vigor, leaning in lst; tillering
only fair

much like I x N but better
tillering, long plat, Mira leaf &
stem type; leaning in lst. Harder to
thresh than Mira

					630			
					535			
					569			
					403			
					2137	3206	71.2	
					810			
					655			
					382			
					540			
					2387	3581	79.6	
		77.8		50.6	594			
					711			
					496			
					603			
					2404	3606	80.1	
					750			
					920			
					707			
					666			
					3043	4565	101.4	

Improved Bluebonnet
B347B44-13,
68 ~~R x N~~ Bauer 2nen.

168	8/20	8/30 (134)	9/23 (134)	59	
266					
367					
471					

Seed Saved

B347B40-9, RN
69 C.I. 8975 Wood Row

169	8/20	8/31	9/23	59
274				
378				
476				

Seed Saved

Bluebonnet 50
(B45-2382)
70 ~~BBt. Sel.~~ 80

170	8/19	8/26	9/18 (129)	58
270				
370				
467				

Seed Saved

Bluebonnet
71 C.I. 8322 69

171	8/19	8/27	9/20 (131)	62
275				
365				
478				

Seed Saved

B46-4799,
72 Roque 88

172	8/19	8/24	9/20	56
279				
380				
480				

Seed Saved

					W.T. 8/.J
					0
					0
					0
					0
					0

much shorter than other
mix; tillers, very uniform ht,
Panicles stem well out; green
straw when ripe;

V. good, panicles sl more erect
than 2nd Imp. BBt; Peduncle
more erect than 2nd Imp BBt;
which gives appearance of being taller
more deformed heads than 2nd Imp. BBt.

Main difference between this line
+ BBt is shorter straw, more
uniform ht and mat, and tips ripens
while earlier than BBt the straw
stays greener.

Had more dan rust pipe appearance
than 70 on 9/25 when cut; stems
turning brown; and some beginning
to break over while 70 is standing
perfectly.
Much like B45-2382 except sl
shorter ht; fuller grain, no lap over
and leaves dry back fresh. However
stems are not as long and more
sturdy. A very good plot.

78.8	52.8	671			
		669			
		646			
		715			
		2701	4052	90.0	
78.6	56.2	714			
		728			
		605			
		590			
		2637	3956	87.9	
77.7	52.2	660			
		780			
		490			
		581			
		2511	3767	83.7	
		639			
		742			
		687			
		450			
		2518	3777	83.9	
80.1	63.2	842			
		903			
		818			
		772			
		3335	5003	111.2	

73	C48-4090, BBt. Sel.	74	173 271 373 473	8/18	8/26	9/20 (131)	62.
74	B459A1-95-9, Hill Sel x Rexark	336 162	174 273 372 475	8/19	8/28	9/20	56
75	Rexark C.I. 8644	75	175 272 366 466	8/14	8/24	9/19	55
76	B4031A1-24-1-2, TP x R-SBR Un Known med-gr.	71	176 278 375 465	8/11	8/20	9/19	52
77	C4-II-1-8-1, R x BR-R	79	177 277 368 479	8/18	8/25	9/18	63

				0
				0
				T
				2
bad				0

Badly lodged in 1st. on 9/18;
leaning badly when here.
Is very little taller than 5131 but
does not appear to stand as well,

an excellent grain type and
short sturdy straw; much
like #83; compare grain types
and other characters; uniform ht.

Bad for C.O. when here on 9/24
bases discolored and leaning
more than other selections of similar grain
type and maturity. more slender
but long heads; good yield.

darkening
not tillering
as well
as Remarks

An error in
heading

leaning badly on 9/15; and badly
lodged on 9/19 in 1st. leaning badly
when here on 9/24; Of no comm.
value because of weak straw.

				768		
				710		
				610		
				630		
				2718	4077	90.6
	77.3		50.9	671		
				700		
				698		
				683		
				2752	4128	91.7
				681		
				605		
				598		
				583		
				2467	3701	82.2
				678		
				559		
				421		
				622		
				2280	3420	76.0
				724		
				630		
				549		
				658		
				2561	3842	85.4

78	C48-4139, Dw. T.P. Natl. Cr.	178	77	8/24	(9/4)	9/24	57
		268					
		371					
		470					
79	C322A6-23, R x F	179	Crowley 49-30	8/24	(8/31)	9/24	58
		276					
		369					
		477					
80	Texas Fortuna C.I. 1344	180	70	8/18	(8/25)	9/17 (12)	61
		267					
		379					
		468					
81	B4530A1-16, ~~(TP x T-168) x Hill Med~~ TP 49 x Hill Med	181	15	8/24	(9/6)	9/26	62
		283					
		382					
		487					

Plus many have sprouted & died during test

Also Test 6

				0
				1
				2
				0

Standing well when harv. on 9/24; green straw when ripe; v no C.O. Could this be B4031 A1-24

Standing very well when harv.; hardly as tall as BBt; leaves dying back very fast; v much C.O.

Taller than BBt; ripens very rapidly; bad for N.O. very little C.O. when ripe Hoj plot.

v short only vegetative growth. later than Mira; fairly tall; fla leaves drop like Hiel Pitna when ripe; bad for C.O.; stem not too stirdy

594			
710			
673			
622			
2599	3899	86.6	
713			
579			
580			
550			
2422	3633	80.7	
703			
640			
678			
735			
2756	4134	91.9	
621			
749			
644			
605			
2619	3929	87.3	

82	B4513A2-4, Hill Sel. x Rexark	247	182 294 394 485	8/20	8/31	9/18	58
83	B459A3-74, Hill Sel. x Rexark	237	183 287 389 483	8/18	8/27	9/17	55
84	B459A3-54, Hill Sel. x Rexark	50	184 296 388 486	8/18	8/27	9/17	55
85	B4044A3-1-1-6, R-SBR x BR	86	185 281 395 495	8/18	8/28	9/16	55
86	B347B44-15 R x N	85	186 282 386 494	8/20	8/30	9/20	60

0

T

2

1

1 0

Sl. taller than 83 to 85; Hyplot grain too thick; grain much like RN; possibly more slender. Too tall;

an outstanding grain type and a very busy plot. Watch; Not as uniform in hit as 84 and may be taller but grain longer & better shape

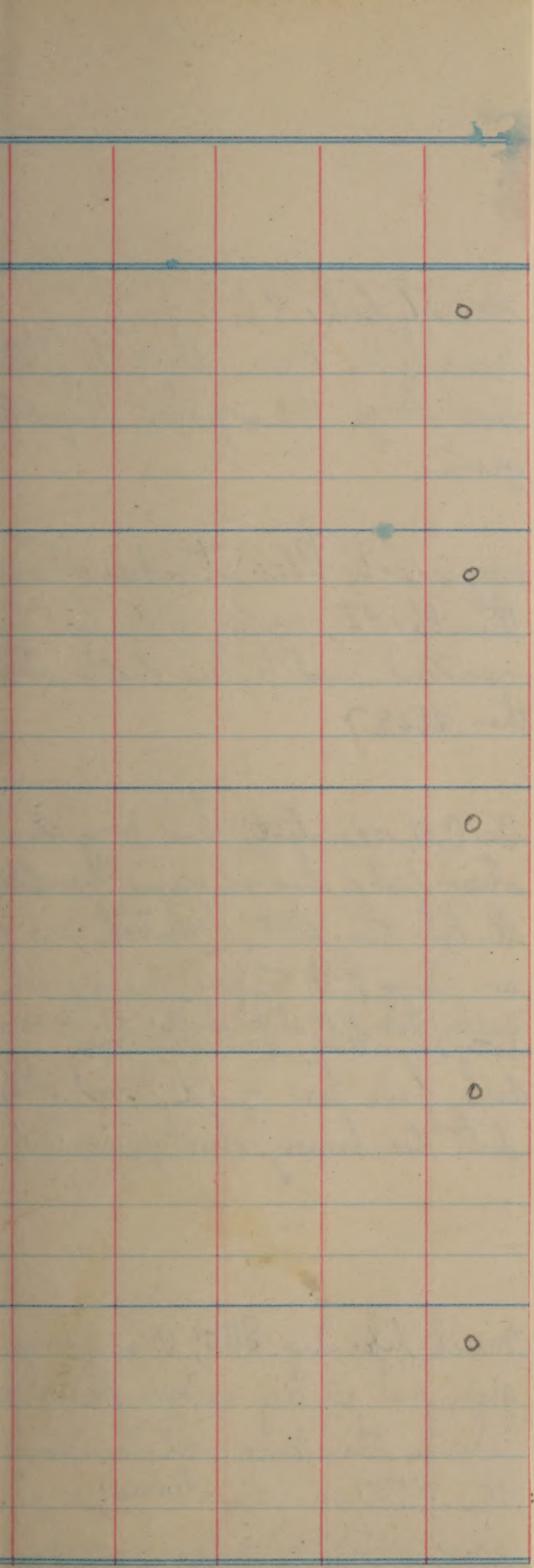
when ripe appeared to be sl. shorter and more uniform in hit than 83 One of best; very sturdy straw.

Some heads, heads more compact than 82 to 84; sl taller also; a good plot

More Mira pericle type than Imp BBt, also taller, Prob. the tallest of the RN selns

			668		
			573		
			592		
			547		
			2380	3570	79.3
77.4		48.8	510		
			566		
			553		
			512		
			2141	3212	71.4
74.1		40.2	454		
			403		
			487		
			488		
			1832	2748	61.1
			623		
			648		
			605		
			676		
			2552	3828	85.1
			807		
			591		
			709		
			686		
			2793	4190	93.1

87	B347B44-3, RxN	84	187 288 391 496	8/20	8/30	9/20	59
88	B49-4627, BBt. Sel.	4627	188 291 381 489	8/17	8/24	9/16	58
89	B47-3741-15-5, BBt. Sel.	4552	189 295 383 484	8/20	8/30	9/22	56
90	B4033A4-30-4, TPx R-7689	253	190 286 384 488	8/23	9/1	9/23	57
91	B47-3743-19-7, BBt. Sel.	4569	191 289 396 482	8/24	9/2	9/25	57



much like 8.6,
more like Nira than Imp BBt
Has large Ho. spots; Imp BBt
grain.

appears to have sturdier stem
than 86 & 87, appears to be C.O.
resistant and to have better straw
than 86 & 87

Is C.O. resistant, has very sturdy
straw but a poorer grain than BBt,
H. later than BBt. Watch as
an Imp RN type: Grain pro.
fuller than RN stem hairs. Heads very
loose straw, green when ripe.
only fair for yield; good straw
but too many short panicles.

much like Imp. BBt; A very long
grain, pro. as long as Nira but more
slender than Nira. Shorter straw
than BBt; narrow leaved; very
green stem; Texture of grain very good.
Heads droop more than Imp BBt;

637			
596			
594			
656			
2483	3725	82.8	
769			
697			
728			
689			
2883	4325	96.1	
754			
622			
767			
612			
2755	4133	91.8	
681			
660			
642			
465			
2448	3672	81.6	
556			
596			
689			
621			
2462	3693	82.1	

92	B46-4257-1, BBt. Sel.	91	192 284 393 490	8/17	8/27	9/20	59
93	B46-4248-1-123, BBt. Sel.	4531	193 292 387 493	8/23	9/1	9/21	54
94	B47-3071-5-2, Rexark Sel.	2959	194 290 390 492	8/13	8/20	9/19	58
95	B453C1-2, BBt. x(TPxR-7689)	95	195 293 385 481	8/15	8/24	9/17	59
96	B454A1-26 BBt x K-R	94	196 285 392 491	8/15	8/23	9/17	61

				0
				0
				1
				0
				0

Heavy straw, quite tall, good yield. Prob. a longer grain than BBt; gold hulls; good except for grain.

A short, very sturdy straw, gold hulled rice of RN maturity & growth habit, but easier to thresh and less a Patna grain type C.O. resistant, green vegetative Like Rexark, except taller, later and a pk. longer grain. Has Rexark straw type and sterility character.

Much like BBt, standing no better than BBt on 7/19. S to C.O. grain may be more slender than BBt.

Much like 95; green straw, susc. for CO. More pk. grain than BBt. appears to be taller than BBt on the average 4 to 6 pk. Fast ripening.

625			
663			
709			
662			
2659	3989	88.6	
635			
594			
612			
642			
2483	3725	82.8	
599			
527			
608			
579			
2313	3470	77.1	
619			
586			
652			
676			
2533	3800	84.4	
652			
724			
679			
653			
2708	4062	90.3	

Test 7 (uniform)

dead	97	SC-44-1, Arkrose Sel.	106	501 608 706 804	8/20	8/30	9/25	60
✓	98	Arkrose C.I. 8310	100	502 614 712 814	8/18	8/26	9/23 (13")	58
✓	99	Kamrose C.I. 8314	102	503 609 707 805	8/16	8/24	9/21	59
dead	100	Calody 40 C.I. 7686	99	504 615 716 811	8/15	8/23	9/19	54
dead	101	Conway C.I. 6949 seed Saved	97	505 601 713 809	8/9	8/17	8/14	49

				8/14
				4
			-	4
				3
				4
				3

weaker straw than BK.
straw very green, tall

leaning on 9/24 but not as
bad as Kanrosa,

Leaning badly on 9/24; too tall
green straw, does not
fall flat due to green
straw at base but lean.

many poorly filled panicles

Standing O.K. on 9/24; white Cal
& Calrose are leaning. Conro appears
to be much lighter in yield which is
probably the reason.

820			
693			
736			
756			
3005	4508	100.2	
763			
564			
569			
651			
2547	3821	84.9	
838			
631			
683			
684			
2836	4254	94.5	
595			
610			
593			
680			
2478	3717	82.6	
566			
704			
556			
552			
2378	3567	79.2	

✓ 102	Caloro C.I. 1561-1	Calif Seed	506 602 714 803	8/11	8/18	9/15 (126)	48	9/24
✓ 103	Calrose	105	507 613 708 812	8/7	8/14	9/13 (124)	47	9/20
✓ 104	Acadia C.I. 1988	103	508 607 715 810	8/14	8/23	9/22	47	
Disc 105	B3712A1-15-1-1-1, K-H x BR	109	509 611 704 816	8/24	9/2	9/22	52	
✓ 106	B438A1-104-4, SmBR-BR41 x 8326	Mid Rice Lab	510 612 701 802	8/24	9/3	9/26	52	

				3
				3
				4
				3
				2

are both much alike. Leaves
heavier when fresh than
Calrose + earlier than Calrose
Carbon very good.

Taller than Calrose + Colusa
later; prob not as hay.

green straw, irregular lot,
but panicles ripen fast

Has sturdy straw also
ripens straw good.

655			
652			
475			
707			
2489	3734	83.0	
549			
460			
533			
482			
2024	3036	67.5	
599			
554			
476			
520			
2149	3224	71.6	
586			
622			
580			
608			
2396	3594	79.9	
660			
600			
678			
624			
2562	3843	85.4	

✓ 107	Blue Rose C.I. 1962	104	511 606 710 801	8/24	9/2	9/26 (137)	52
alw 108	B4313A2-57-13, Sm.BR-BR41 x F-Red much N.O. Rootlets	118	512 604 711 807	8/30	9/8	10/2	54
dies 109	B4112A5-5-1, SmBR x BR41	108	513 605 709 806	8/22	9/1	9/29	54
✓ 110	C6-I-25-12, BR x BR-R	Crosby 49-46	514 603 703 815	8/27	9/7	9/30	52
✓ 111	Blue Rose 41 C.I. 8317	111	515 616 705 813	8/24	9/2	9/29	50

				Aug 24
				3 4
				1
				1
				2
				2

Fairly good

Exceptionally clean and
green straw when over ripe,
Standing O.K. is easy to
thresh but too tall. Has
narrow leaves, that stay alive much longer
than other types. Is also quite resistant to N.B.
no lodging on 19th
Very little taller than
BK, a good plot
green straw, low yield,
lodging some on 19/20, leaves
drying, 108 still all green
straw stays very green,
much taller than
A1-104, greener straw
than 109.

A very poor plot in 1st, not nearly
as good as BK; more short poorly filled
heads; greener straw than 109.

570			
689			
637			
717			
2613	3920	87.1	
700			
789			
760			
584			
2833	4250	94.4	
792			
652			
745			
719			
2908	4362	96.9	
693			
678			
669			
722			
2762	4143	92.1	
430			
492			
512			
566			
2000	3000	66.7	

✓112	C.I. 7338 (scented) seed saved	516 610 702 808	96	8/18	8/26	9/16	52	9/24

Test 8

dup 113	B323B45-9, R×SBR	517 632 718 825	121	9/7	9/11	10/3	46	
dup 114	B47-3054, Roxark Rogue	518 625 727 818	122	8/27	9/3	9/25	47	
dup 115	B43-2792, Sm BR Sel.	519 621 723 823	124	8/30	9/10	9/29	51	

			0	
				2
				2 3
				2 3

a smooth mud-gr type
has exceptionally short straw,
yield will be low due to
many plot heads that did
not fill

a smooth short gr. type, clear
berry, large slims very sturdy
straw, fairly good yield.

a good BK type Smooth
type, no taller than BK,
easily threshed, very good grain
shape + size. Grain shows
standing very well when over ripe
for yield.

408			
526			
512			
522			
1968	2952	65.6	
523			
534			
520			
451			
2028	3042	67.6	
733			
623			
628			
708			
2692	4038	89.7	
607			
603			
518			
560			
2288	3432	76.3	

dae 116	B4321A3-21-2, BR41xF-Red	119	520 630 731 830	8/31	9/8	10/1	52
dae 117	B4313A2-57-10, SmBR-BR41x F-Red	115	521 622 717 820	8/27	9/2	9/25	51
✓ 118	B4559A1-102-2, Bruin Sel. x BR	2463	522 626 728 824	8/23	8/31	10/1	50
dae 119	B4325A1-32-6, Bruin Sel x F-Red	120	523 628 730 821	8/30	9/7	10/1	50
✓ dae 120	B4325A1-76-9-7, Bruin Sel x F-Red	2437	524 624 720 828	8/31	9/7	10/1	54

One plant light V. green stem Still alive 10/20/28 in earlier than others Treatment two days

Entry 24

3

3

1

2 3

1 2

a rough bulked, very easily threshed BK type, no C.O. and very green healthy straw when over ripe; heller than BK, & grain quite similar

a rough BK type, softer straw than BK but does not look as heavy

2a. easy to thresh and earlier than BK. Very green straw; sturdy straw; Watch out, good grain type & earlier than BK

A good type; smooth, harder to thresh than some semi willowy straw & a fop. Much plump. Lodging

Prob. the best Sm. BK type in this expt.; a good grain size & shape; very green straw, prob. not as tall as BK. Only threshed

Watch leaning on 10/20 but much H.O. resistance

503			
344			
525			
328			
1700	2550	56.7	
473			
445			
472			
604			
1994	2991	66.5	
651			
600			
579			
671			
2501	3752	83.4	
571			
448			
431			
619			
2069	3104	69.0	
678			
668			
736			
669			
2751	4127	91.7	

√121	B4325A1-77-6, Bruin Sel. x F-Red (Better grain type than 4325A line good for P.O.)	2426	525 623 732 822	9/1	9/11	10/1	50
Rouge 122	Hyb Mix-11-47-1-2, Early Short-Grain Bulk	2613	526 620 719 817	8/23	9/1	9/25	46
√123	Hyb Mix-11-47-11-1, Early Short-grain Bulk	2625	527 631 721 826	8/23	9/1	9/27	46
Rouge 124	Hyb Mix-12-47-1-2, Late Short-Grain Bulk.	2632	528 619 726 831	8/17	8/29	9/19	43
Rouge 125	B3412B41-1, CHxR	114	529 627 729 832	8/31	9/7	9/30	53

				1
				0
				0
				0
				3

a short stemmed smooth
hulled BK type. Is one of
very best; easily threshed
very green straw; sturdy
straw. Very light ridges in grain
Standing much better than
123, sl. earlier, possibly not
as long; not as many stools
larger stems than 122

One of the heaviest plots in
yield nursery. Leaning on 9/19.
Completely lodged on 10/16
but very nice straw
still green.
earlier than 122 & 123, not as
long; standing very well.
Has a very small clear tuxtan
grain. No awns.

a long-gr. type smooth
with fair straw type;
Very green straw when our ripe

664			
655			
671			
764			
2754	4131	91.8	
729			
656			
646			
539			
2570	3855	85.7	
795			
625			
615			
660			
2695	4043	89.8	
541			
732			
520			
688			
2481	3722	82.7	
342			
275			
370			
363			
1350	2025	45.0	

126	B3810B44-12, S-EPx CA-Cdy	113	530 629 725 829	8/22	9/1	9/25	46
127	B4045A47-15, R-SBR x BR41	128	531 618 722 819	8/28	9/3	10/1	53
128	BH-3044-12-2, R-HxBR Rogue	253	532 617 724 827	8/31	9/9	10/1	49

long very large lesions on leaves check with Pathologist to determine what disease.

Test 9 (uniform)

129	C3-12, 7/8 Rexoro	132	533 636 733 833	9/16	—	10/20	55

				1
				2
				0
				1

Poor grain yield, short heads, poorly filled, much sterility.

a green strawed, gold bulled BK type, v. good straw dyes not thresh too easily, has a tip awn, watch yield not as fine as BK et al

An easily threshed Sm. med-gr. type; gold bulls; grain more slender than BK; very short, green straw, good yield, Promising, Watch

very green straw, slo. ripe than Key first heads; stems still in excellent shape on 10/20

452			
496			
500			
490			
1938	2907	64.6	
588			
586			
627			
687			
2488	3732	83.0	
520			
598			
569			
608			
2295	3443	76.5	
625			
639			
553			
600			
2417	3626	80.6	

Rows	130	~~B43-280-1-4,~~ ~~Straw. Patmos Sel.~~ Rexoro Sel. (Boyt-6)	134	534 647 738 846	9/18	—	10/21 56
✓	131	Rexoro C.I. 1779	136	535 645 736 840	9/18	—	10/22 (164) 58
Rows	132	C4-II-4-1-11, RxBR-R	135	536 640 741 841	9/6	(9/17)	10/5 56
Rows	133	C3-22, 7/8 Rexoro,	Crowley	537 639 734 834	9/11	—	10/16 53
Rows	134	15/16 Rexoro	4330 Crowley	538 634 739 842	9/15	—	10/22 59

				0
				0
				2
				T
				0

Sh shorter and more uniform in ht than Reward. Like Rex in other respects leaves dying fast + some stems drying up. Taller than Boyd Del may be sl. later

Straw stays very green when over ripe. A long grain, yield not too good. Straw bulky.

Exceptionally green straw, earlier than C-12. A very good plot.

Too tall & late as Rex

				631		
				462		
				564		
				512		
				2169	3254	72.3
	80.5		63.4	640		
				508		
				580		
				552		
				2280	3420	76.0
				466		
				467		
				464		
				421		
				1818	2727	60.6
				552		
				551		
				449		
				593		
				2145	3218	71.5
				705		
				638		
				600		
				524		
				2467	3701	82.2

✓135	B4031A1-1-13-11, TPxR-SBR	539 637 139 744 845	9/10	—	10/16	48
✓136	C3-72-3, RxPr. Lf.	540 635 141 740 843	8/31	—	10/9 (15)	52
✓137	B321B40-3, RxD C.I. 8343	541 646 137 735 844	9/7	—	10/5 (14?)	55
dead 138	Delrex C.I. 8320	542 644 142 747 836	9/15	9/26	10/18	64
dead 139	B321B45-1, RxD	543 643 146 742 835	9/15	9/25	—	57

2

1

0

4

2

V. stout, very green straw
uniform, good yield,
sturdy straw
no C. O.

Badly discolored with
C. O on 10/10 standing
O.K. but leaves drying
fast

Much C. O. on 10/20
leaves drying back.

Entirely too tall,
green straw on 10/20,
some C. O. showing
fair yield

almost a lot a Rex, Shorter
straw, sturdy straw, a
good plot, grain fuller
than Rex, large S. O.
spots

609			
637			
635			
585			
2466	3699	82.2	
520			
491			
579			
511			
2101	3152	70.0	
706			
725			
676			
760			
2867	4301	95.6	
495			
432			
511			
466			
1904	2856	63.5	
737			
678			
715			
656			
2786	4179	92.9	

√140	~~B4093A4-38-1-16~~, ~~TPxR-7689~~ Texas Patna 49	138	544 642 743 837	9/10	(9/22)	10/16 (158)	56
√141	B43-280-1-4, T. Patna Sel.	130	545 641 737 839	9/10	(9/21)	10/13	54
√142	T. Patna Sel. A C.I. 8321-1	129	546 648 748 848	9/11	(9/21)	10/12 (154)	58
√143	B43-280-1-3, T. Patna Sel.	133	547 638 746 838	9/12	(9/22)	10/18	58
√144	B4524A1-4, T. Pat 49 ~~(TPxR-7689)~~ (TPxR-5BR)	158	548 633 745 847	9/14	(9/27)	10/22	56

				1
				0
				T
				0
				T

a very good plot, all irregular hts; no taller than Rex, v green stems when ripe

Greener stems than 140 are of best except for difficult threshing.

much taller & more vigorous veg growth on 9/10, than other plots.
Stems and leaves mostly dead on 10/20. Very plot but (open too fast) high plot.
Extremely prolific & Rate type. Dk green veg & ripens slowly, narrow lisses. Thresh v easily no taller than Rex Watch.
Short sturdy stems as late as Rex. most plants have headed. Uniform type gr. & ht. Try for a reselection without heads.

79.8	62.0	566			
		744			
		651			
		606			
		2567	3851	85.6	
		688			
		778			
		864			
		725			
		3055	4583	101.8	
80.4	63.0	632			
		693			
		633			
		616			
		2574	3861	85.8	
		710			
		598			
		715			
		674			
		2697	4046	89.9	
		681			
		681			
		679			
		729			
		2770	4155	92.3	

Test 10

145	B4030A3-13, R-7689 x R	549 657 751 861	9/8	—	10/16	50
146	C46-2069-5 Dw. T. Patna	550 656 763 852	9/12	9/25	10/13	45
147	B47-4954, Karang-Serang Sel.	551 662 752 854	9/15	9/25	10/20	64
148	B47-5002-1, Karang-Serang Sel.	552 649 757 857	8/26	9/5	10/4	60
149	B47-5001, Scented	553 663 761 853	9/8	9/20	10/3	55

5989 and 5991 — 148
151
150

				8/14
				T
				0
				1
				1
				0

Ripens very fast
like T.P. Very plots

Ripens fast like T.P.
but straw very short
quite sturdy. V. Uniform
growth & hd, may have
some value.
Smooth, awnless
2s rather tall but
has good straw, long
heads & dries back
slowly. Grain almost
as long as awned
Bearded, smooth
grain sl longer &
more slenderthan
147, Sl earlier but
as tall,
a very good scented variety
dries back fast.

794			
779			
761			
836			
3170	4755	105.7	
713			
558			
549			
619			
2439	3659	81.3	
771			
571			
664			
556			
2562	3843	85.4	
352			
314			
486			
410			
1562	2343	52.1	
712			
655			
652			
662			
2681	4022	89.4	

Rows 150	C45-8087, Guidry Sel. good to Crown west 146 + Fallert Durant Expo	147	654	9/25	10/1	10/23	61
			664				
			753				
			850				
Alice 151	B4026A5-23-4-13, R-7689 x R	160	555	9/16	9/25	10/22	54
			655				
			755				
			862				
Joe 152	B48-6436, Rexoro Sel.	159	556	9/25	9/30	10/23	59
			654				
			750				
			851				
Alice 153	B3313A1-16, R x 7689	310	557	9/10	9/21	10/20	52
			661				
			760				
			863				
Rows 154	B48-2054-8-1, R x 7689	5768	558	8/28	Sept 9/28	—	56
			653				
			764				
			858				

				1
				0
				0
				0
				0

Extremely tall but V. green straw, good grain Clean Straw No. C.O

short sturdy straw but looks major, not as big as Rex

good Rex type but may be taller than Rex Has C.O. + leans dry back foot.

a very promising type with some Indian rice characters: straw bulls sturdy straw, short straw, Wisteff for use in crosses. Straw stays V. green Excellent standing, To still seg. but has many good types Watch.

732			
617			
657			
630			
2636	3954	87.9	
674			
634			
681			
636			
2625	3938	87.5	
659			
513			
617			
571			
2360	3540	78.7	
570			
538			
599			
603			
2310	3465	77.0	
752			
731			
707			
768			
2958	4437	98.6	

Rows	155	B4526A4-4-1, T. Pat 49 x ~~(TPxR-7685) x~~ (TPxR-SBR)	3990	559 660 756 849	9/2	9/18	10/15 54
water							
Rows	156	B4530A1-64-2, T. Pat 49 ~~(TPxR-7687) x~~ Hill Med.	2830	560 650 759 855	9/10	9/12	10/20 50
water							
Rows	157	~~T. Patna 49~~ ~~B4033A4-38-1-16,~~ ~~TPxR-7689~~ B4033A4-38-1-14 TPxR-7689	157	561 651 749 860	9/11	9/23	10/16 57
Rows	158	B4033A4-38-1-7, TPxR-7689	156	562 659 758 859	9/11	9/23	10/16 57
Rows	159	B4044A3-1-14, R-SBR x BR	153	563 658 754 864	9/12	9/13	10/3 52

				0
				0
				0
				0
				1

much like TP-79, but shorter straw, may be segr. for mat. Is also segr for grain length. Has some exceptionally long types. Some low heads

V. short straw, & very erect flag leaves. grain type much like TP-79 but much shorter stronger straw, Water Evidently stooled poorly, prostrate more uniform than 158 in hd & maturity

Hay plot

Very irregular maturity, & hd

Hay plot

Short sturdy straw ripens fast, but straw stays green, may have a lot of primde

680			
497			
620			
633			
2430	3645	81.0	
558			
556			
669			
567			
2350	3525	78.3	
609			
643			
629			
620			
2501	3752	83.4	
696			
596			
675			
678			
2645	3968	88.2	
608			
606			
535			
634			
2383	3575	79.4	

Rev						
160	Texas Patna	564	9/12	(9/25)	10/17	63
	C.I. 8321.	652				
		145 762				
		856				
161						
162						
163						

8/14

0

580			
571			
641			
581			
2373	3560	79.1	

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

149

179

180

181

182

183

×Zenith ✓ ×Century ✓
~~Magnolia~~ ×Bluebonnet ✓
×Frontier ✓ × R N. ✓
×Buda ✓
×Calo ✓
Rexoo

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
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U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY

Division of Cotton and Other Fiber Crops and Diseases

Rows not 5 on each column on each side
Ho for seed
but need when ripe.

39
64

34
35
38
46
47
49
50
51
52
53

65
67
70
71
72
73
74
75
76
77
80
82
83
84
85
88
95
96

1
6
7
16
29
37
48
54
69
79
106
110
122
123
124

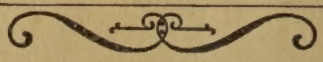
Complete early & varietal names in books prior to 1899.

1950

Henry M. Beachell

COMPLIMENTS OF
I. D. ROBERTSON & COMPANY
INSURANCE
700 American National Bank Building
TELEPHONE 4-3305

1950 — *Calendar* — 1950



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Printed in U. S. A.

Foundation or Head Row seed

Centurion 239 (450#) Dishman Bros
" -231 (328#) m. w. mauntz
" -231 (377#) E. L. Nolte

Bluebonnet 299# m. w Mauntz

R N. (C.I. 8975) 258# Mr. Fay

B4033A4-58 (28.2#) Geo. Maxwell

Rexoro (723#) on Station

Ark Rogue 284# on Station

TP x R Dont Plant ?

B438A ? Dont Plant

C3-12 (385#) ? E W.F. Andrus Crowley (192#)

C3-12 Increase 600# 5-48# → Dishman
pat Roy F. P. → Crowley

B4031A1-24 Increase David Winterman

R x D Crowley

Sunday, JANUARY 1

1st Day—364 days to come

Monday, JANUARY 2

2nd Day—363 days to come

Crosses to make in 1950

N.O. resistant

NO - 469 line (TP x 3812A)
1950 nos 6959 ☆

N.O-484 line (TP x 3812-A)
1950 No. 6997-99 (O-1)

NO-487 has very clear texture
a med grain but much better
qual. than most.

NO - 143 O-1 for NO.
1950 - 7102

NO - 281 - (VR)
1950 # 7142 - 45
V good qual. 4033A plant
type and maturity

Tuesday, JANUARY 3

3rd Day—362 days to come

HO-371-1 O-1/R Immune

1950 row hos 7182 + 7183

aw of cleanest rows in nurs in 1949

HO-371-2

1950 rows 7184+85, better

grain qual. than 371-1

Wednesday, JANUARY 4

4th Day—361 days to come

Thursday, JANUARY 5

5th Day—360 days to come

Friday, JANUARY 6

6th Day—359 days to come

Saturday, JANUARY 7

7th Day—358 days to come

Sunday, JANUARY 8

8th Day—357 days to come

Monday, JANUARY 9

9th Day—356 days to come

Tuesday, JANUARY 10

10th Day—355 days to come

Wednesday, JANUARY 11

11th Day—354 days to come

Thursday, JANUARY 12

12th Day—353 days to come

Friday, JANUARY 13

13th Day—352 days to come

Saturday, JANUARY 14

14th Day—351 days to come

Sunday, JANUARY 15

15th Day—350 days to come

Monday, JANUARY 16

16th Day—349 days to come

Tuesday, JANUARY 17

17th Day—348 days to come

Wednesday, JANUARY 18

18th Day—347 days to come

Thursday, JANUARY 19

19th Day—346 days to come

Friday, JANUARY 20

20th Day—345 days to come

Saturday, JANUARY 21

21st Day—344 days to come

Sunday, JANUARY 22

22nd Day—343 days to come

Monday, JANUARY 23

23rd Day—342 days to come

Tuesday, JANUARY 24

24th Day—341 days to come

Wednesday, JANUARY 25

25th Day—340 days to come

Thursday, JANUARY 26

26th Day—339 days to come

Friday, JANUARY 27

27th Day—338 days to come

Saturday, JANUARY 28

28th Day—337 days to come

Sunday, JANUARY 29

29th Day—336 days to come

Monday, JANUARY 30

30th Day—335 days to come

Tuesday, JANUARY 31

31st Day—334 days to come

Wednesday, FEBRUARY 1

32nd Day—333 days to come

Thursday, FEBRUARY 2

33rd Day—332 days to come

Friday, FEBRUARY 3

34th Day—331 days to come

Saturday, FEBRUARY 4

35th Day—330 days to come

Sunday, FEBRUARY 5

36th Day—329 days to come

Monday, FEBRUARY 6

37th Day—328 days to come

Tuesday, FEBRUARY 7

38th Day—327 days to come

Wednesday, FEBRUARY 8

39th Day—326 days to come

Thursday, FEBRUARY 9

40th Day—325 days to come

Friday, FEBRUARY 10

41st Day—324 days to come

Saturday, FEBRUARY 11

42nd Day—323 days to come

Sunday, FEBRUARY 12

43rd Day—322 days to come

Monday, FEBRUARY 13

44th Day—321 days to come

Tuesday, FEBRUARY 14

45th Day—320 days to come

Wednesday, FEBRUARY 15

46th Day—319 days to come

Thursday, FEBRUARY 16

47th Day—318 days to come

Friday, FEBRUARY 17

48th Day—317 days to come

Saturday, FEBRUARY 18

49th Day—316 days to come

Sunday, FEBRUARY 19

50th Day—315 days to come

Monday, FEBRUARY 20

51st Day—314 days to come

Tuesday, FEBRUARY 21

52nd Day—313 days to come

Wednesday, FEBRUARY 22

53rd Day—312 days to come

Thursday, FEBRUARY 23

54th Day—311 days to come

Friday, FEBRUARY 24

55th Day—310 days to come

Saturday, FEBRUARY 25

56th Day—309 days to come

Sunday, FEBRUARY 26

57th Day—308 days to come

Monday, FEBRUARY 27

58th Day—307 days to come

Tuesday, FEBRUARY 28

59th Day—306 days to come

Wednesday, MARCH 1

60th Day—305 days to come

Thursday, MARCH 2

61st Day—304 days to come

Friday, MARCH 3

62nd Day—303 days to come

Saturday, MARCH 4

63rd Day—302 days to come

Sunday, MARCH 5

64th Day—301 days to come

Monday, MARCH 6

65th Day—300 days to come

Tuesday, MARCH 7

66th Day—299 days to come

Wednesday, MARCH 8

67th Day—298 days to come

Thursday, MARCH 9

68th Day—297 days to come

Friday, MARCH 10

69th Day—296 days to come

Saturday, MARCH 11

70th Day—295 days to come

Sunday, MARCH 12

71st Day—294 days to come

Monday, MARCH 13

72nd Day—293 days to come

Tuesday, MARCH 14

73rd Day—292 days to come

Wednesday, MARCH 15

74th Day—291 days to come

Thursday, MARCH 16

75th Day—290 days to come

Friday, MARCH 17

76th Day—289 days to come

Saturday, MARCH 18

77th Day—288 days to come

Sunday, MARCH 19

78th Day—287 days to come

Monday, MARCH 20

79th Day—286 days to come

Tuesday, MARCH 21

80th Day—285 days to come

Wednesday, MARCH 22

81st Day—284 days to come

Thursday, MARCH 23

82nd Day—283 days to come

Friday, MARCH 24

83rd Day—282 days to come

Saturday, MARCH 25

84th Day—281 days to come

Sunday, MARCH 26

85th Day—280 days to come

Monday, MARCH 27

86th Day—279 days to come

Tuesday, MARCH 28

87th Day—278 days to come

Wednesday, MARCH 29

88th Day—277 days to come

Thursday, MARCH 30

89th Day—276 days to come

Friday, MARCH 31

90th Day—275 days to come

Saturday, APRIL 1

91st Day—274 days to come

Sunday, APRIL 2

92nd Day—273 days to come

Monday, APRIL 3

93rd Day—272 days to come

Tuesday, APRIL 4

94th Day—271 days to come

Wednesday, APRIL 5

95th Day—270 days to come

Thursday, APRIL 6

96th Day—269 days to come

Friday, APRIL 7

97th Day—268 days to come

Saturday, APRIL 8

98th Day—267 days to come

Sunday, APRIL 9

99th Day—266 days to come

Monday, APRIL 10

100th Day—265 days to come

Tuesday, APRIL 11

101st Day—264 days to come

Wednesday, APRIL 12

102nd Day—263 days to come

Thursday, APRIL 13

103rd Day—262 days to come

Friday, APRIL 14

104th Day—261 days to come

Saturday, APRIL 15

105th Day—260 days to come

Sunday, APRIL 16

106th Day—259 days to come

Monday, APRIL 17

107th Day—258 days to come

Tuesday, APRIL 18

108th Day—257 days to come

Wednesday, APRIL 19

109th Day—256 days to come

Thursday, APRIL 20

110th Day—255 days to come

Friday, APRIL 21

111th Day—254 days to come

Saturday, APRIL 22

112th Day—253 days to come

Sunday, APRIL 23

113th Day—252 days to come

Monday, APRIL 24

114th Day—251 days to come

Tuesday, APRIL 25

115th Day—250 days to come

Wednesday, APRIL 26

116th Day—249 days to come

Thursday, APRIL 27

117th Day—248 days to come

Friday, APRIL 28

118th Day—247 days to come

Saturday, APRIL 29

119th Day—246 days to come

Sunday, APRIL 30

120th Day—245 days to come

Monday, MAY 1

121st Day—244 days to come

Tuesday, MAY 2

122nd Day—243 days to come

Wednesday, MAY 3

123rd Day—242 days to come

Thursday, MAY 4

124th Day---241 days to come

Friday, MAY 5

125th Day—240 days to come

Saturday, MAY 6

126th Day—239 days to come

Sunday, MAY 7

127th Day—238 days to come

Monday, MAY 8

128th Day—237 days to come

Tuesday, MAY 9

129th Day—236 days to come

Wednesday, MAY 10

130th Day—235 days to come

Thursday, MAY 11

131st Day—234 days to come

Friday, MAY 12

132nd Day—233 days to come

Saturday, MAY 13

133rd Day—232 days to come

Sunday, MAY 14

134th Day—231 days to come

Monday, MAY 15

135th Day—230 days to come

Tuesday, MAY 16

136th Day—229 days to come

Wednesday, MAY 17

137th Day—228 days to come

Seeded Century Head Row block
on S 3-47 Ward 48 W
First emerged 5/22
fully " 5/27

Thursday, MAY 18

138th Day—227 days to come

Seeded breeding nursery 4401-7200;
a few rows on west not completed
until ____ ____.

Errors made in seeding

40(21) through 72(21) may be mixed as
a clod was found in planting apparat.

5962 no seed in envelope

~~5473, 7475, O.K.~~
5573, 7475 sown out of order
5673 " "
5773 " "
5873 " "
5973 " "
5573, 7475
6073, 7475 O.K.

Sown following
5973, 7475
and 6073, 7475 O.K.

5473, 7475 O.K.

4479 and 81 reversed (probably) ?
4579 and 81 " " ?
4679 and 81 " " ?
4779 and 81 reversed for sure. autumn

3 rows sown on line not recorded which was

Friday, MAY 19

139th Day—226 days to come

Seeded 2001-4400,

Rained on May 20

Rows 2001-3200 not cultipacked. Rows 3201-4400 cultipacked.

Rows 4401-7300 1st emerged 5/23

" 2001-4400 " 5/24

Fully emerged 5/31 (all)

Saturday, MAY 20

140th Day—225 days to come

Sunday, MAY 21

141st Day—224 days to come

Monday, MAY 22

142nd Day—223 days to come

Tuesday, MAY 23

143rd Day—222 days to come

Wednesday, MAY 24

144th Day—221 days to come

Thursday, MAY 25

145th Day—220 days to come

Friday, MAY 26

146th Day—219 days to come

Seeded Field plots, series 3 & 4 and part of series 2.

Spring toothed blocks 3 times, then harrowed with spike tooth harrow. Cultipacked following seeding.

Some moisture in soil so some germination should start immediately.

Set drill on last mark to left on rod used to calibrate seeder.

Field plots { 1st emerged 5/31
Full " " 6

Saturday, MAY 27

147th Day—218 days to come

completed seeding field plots, several and part of 2.

Spring toothed most of land on S-3 not seeded.

Sunday, MAY 28

148th Day—217 days to come

Monday, MAY 29

149th Day—216 days to come

Started flooding yield nursery.
fully flooded on May 31. Many
Mex. weeds and considerable
Barnyard, but not as tall as
Rice when flooded.. all
weeds & grass covered with
water on May 31.

Drained June 12.

Tuesday, MAY 30

150th Day—215 days to come

Seeded Head row plots

Wednesday, MAY 31

151st Day—214 days to come

started flooding breeding nursery, 7401 — 7300

seeded head row plots

seeded prel yield nurs.

all head row blocks came up quite uniformly. fully emerged by

Thursday, JUNE 1

152nd Day—213 days to come

For staff meeting

S6 & 8 fertilized at approximately 300# 4-12-4 on Nov 30. Seeded with clover mixture on November 28 and 29. Used 23 sx on about 7 acres.

check with Davis as to which area received this fertilization.

13½ S6 = 26 sx 4-12-4 } 11/28/49

8½ S7 = 23 sx " } 11/29/49 fall 1949

3 S8 = 14 " " } 12/2/49

Started flooding Breeding nurs. 2001 - 4401, fully flooded by rain on June 2

Friday, JUNE 2

153rd Day—212 days to come

Saturday, JUNE 3

154th Day—211 days to come

Sunday, JUNE 4

155th Day—210 days to come

Monday, JUNE 5

156th Day—209 days to come

Tuesday, JUNE 6

157th Day—208 days to come

Wednesday, JUNE 7

158th Day—207 days to come

Thursday, JUNE 8

159th Day—206 days to come

Friday, JUNE 9

160th Day—205 days to come

Saturday, JUNE 10

161st Day—204 days to come

Sunday, JUNE 11

162nd Day—203 days to come

Monday, JUNE 12

163rd Day—202 days to come

Started flooding field plots and head row blocks.

all of breeding nursery flooded, J

Drained yield nursery

Tuesday, JUNE 13

164th Day—201 days to come

Wednesday, JUNE 14

165th Day—200 days to come

Thursday, JUNE 15

166th Day—199 days to come

Friday, JUNE 16

167th Day—198 days to come

Saturday, JUNE 17

168th Day—197 days to come

Sunday, JUNE 18

169th Day—196 days to come

Monday, JUNE 19

170th Day—195 days to come

Started hoeing yield nuts. Was fairly well dried out on aft block. a rain stopped hoeing in the a.m.

This nursery was drain[ed] June 12. Had been flooded since May 29

Tuesday, JUNE 20

171st Day—194 days to come

Fertilization of field nursery and field plots

Wednesday, JUNE 21

172nd Day—193 days to come

Thursday, JUNE 22

173rd Day—192 days to come

Friday, JUNE 23

174th Day—191 days to come

Saturday, JUNE 24

175th Day—190 days to come

Sunday, JUNE 25

176th Day—189 days to come

Monday, JUNE 26

177th Day—188 days to come

Tuesday, JUNE 27

178th Day—187 days to come

Wednesday, JUNE 28

179th Day—186 days to come

Thursday, JUNE 29

180th Day—185 days to come

Friday, JUNE 30

181st Day—184 days to come

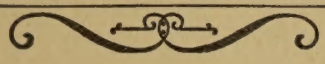
Saturday, JULY 1

182nd Day—183 days to come

Sunday, JULY 2

183rd Day—182 days to come

1951 — *Calendar* — 1951



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Knickerbocker Leather & Novelty Co., Inc., N. Y.